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Part IV

Department of Transportation

National Highway Traffic Safety Administration

Federal Motor Vehicle Safety Standards; Grant of Petition for Rulemaking; Consumer Information Regulations; Uniform Tire Quality Grading

DEPARTMENT OF TRANSPORTATION

National Highway Traffic Safety Administration

49 CFR Part 571

Federal Motor Vehicle Safety Standards; Grant of Petition for Rulemaking

AGENCY: National Highway Traffic Safety Administration (DOT).

ACTION: Grant of petition for rulemaking.

SUMMARY: The purpose of this notice is to grant a petition for rulemaking submitted by Mr. Ralph Nader. Mr. Nader petitioned for an amendment of Safety Standard No. 208, *Occupant Crash Protection,* to increase the barrier crash test speed of that standard to 40 mph beginning September 1, 1984, and to 50 mph by September 1, 1986. Currently, the standard specifies a test speed of 30 mph. In its "Five Year Plan for Motor Vehicle Safety and Fuel Economy Rulemaking", first issued March 16, 1978, the agency outlined a new research and development program aimed at consolidating and upgrading all occupant protection rules to develop a new series of standards in which each standard would comprehensively cover frontal, side, rear or rollover crash protection. That program encompasses a consideration of the changes requested by the petitioner.

FOR FURTHER INFORMATION CONTACT: Mr. Robert Nelson, Office of Vehicle Safety Standards, National Highway Traffic Safety Administration, Washington, D.C. 20590 (202–426–2264).

SUPPLEMENTARY INFORMATION: Safety Standard No. 208, *Occupant Crash Protection* (49 CFR 571.208), specifies a dynamic barrier crash test for vehicles equipped with automatic restraints under which instrumented test dummies placed in the vehicle must meet specified injury criteria. The standard specifies a 30-mph vehicle speed for this crash test. Mr. Ralph Nader has petitioned the agency to increase this vehicle speed to 40 mph beginning September 1, 1984, and to 50 mph beginning September 1, 1986.

The petitioner stated that the current 30-mph crash speed of Standard No. 208 will be inadequate to prevent the increase in fatalities that can be expected over the next twenty years. The petitioner argued that this is true because of the dramatic shift to smaller cars that is currently occurring and because of the changes this will create in the vehicle fleet mix. To support his contention that 50-mph crash protection is technologically feasible, the petitioner stated:

> Work performed by Minicars and Calspan under NHTSA contracts has shown that air bags can be constructed from currently available hardware that will meet or better the injury criteria levels of FMVSS 208 in 50 mph barrier impacts.

The petitioner stated that automatic crash protection at 50 mph would result in the savings of more than 75 percent of all fatalities and 60 percent of all injuries now occurring in frontal passenger car collisions below 50 mph.

The agency agrees with the petitioner that increasing occupant crash protection is a worthwhile goal. The agency currently has a comprehensive program aimed at achieving that goal. On March 16, 1978, the NHTSA issued its "Five Year Plan for Motor Vehicle Safety and Fuel Economy Rulemaking" (43 FR 11100). That Plan described a new program that the agency was beginning to consolidate and upgrade all occupant crash protection rules. Under this program, NHTSA expects to develop a new series of occupant protection standards in which each standard would comprehensively cover frontal, side, rear or rollover crash protection. The agency is currently conducting research and development work to produce an advanced set of test dummies and to upgrade and consolidate the existing occupant crash protection standards.

As a part of this program, the agency will consider how the frontal crash protection criteria of Safety Standard No. 208 can be improved. This evaluation will include an analysis of the appropriate crash test speeds to be specified in an upgraded standard. The agency is currently analyzing accident data files, particularly the National Crash Severity Study, to evaluate injury modes and injury distributions as a function of crash mode and crash speed. Assessments are being made as to the number of injuries and fatalities that would occur with restrained occupants at various crash speeds above 30 mph.

The granting of this petition for rulemaking does not mean that a final rule implementing the requested changes will necessarily be issued. That determination is made during the course of the rulemaking proceeding, in accordance with statutory criteria.

(Secs. 103, 119 Pub. L. 89–563, 80 Stat. 718 (15 U.S.C. 1392, 1407); delegations of authority at 49 CFR 1.50 and 501.8)

Issued on January 19, 1981.

A. C. Malliaris,

Acting Associate Administrator for Rulemaking.

[FR Doc. 81–2477 Filed 1–30–81; 8:45 am]

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DEPARTMENT OF TRANSPORTATION

49 CFR Part 575

[Docket No. 25; Notice 43]

Consumer Information Regulations, Uniform Tire Quality Grading

AGENCY: National Highway Traffic Safety Administration, DOT.

ACTION: Notice of proposed rulemaking.

SUMMARY: This notice proposes amendment of the Uniform Tire Quality Grading Standards to prescribe a standardized process for translating treadwear and traction test results into tire grades. The notice also proposes expanding the numerical increments used to denote treadwear grades. The notice seeks to improve the uniformity of the grading system by eliminating the differences which now exist in the methods by which manufacturers assign tire grades.

DATES: Comments must be received on or before April 3, 1981. Proposed effective date: January 1, 1982.

ADDRESSES: Comments should refer to the docket number and be submitted to Room 5108, Nassif Building, 400 Seventh Street, SW., Washington, D.C. 20590.

FOR FURTHER INFORMATION CONTACT: Dr. F. Cecil Brenner, Office of Automotive Ratings, National Highway Traffic Safety Administration, 400 Seventh Street, SW., Washington, D.C. 20590, 202–426–1740.

SUPPLEMENTARY INFORMATION: The Uniform Tire Quality Grading (UTQG) Standards specify procedures for evaluating treadwear, traction and temperature resistance performance of tires. In the treadwear grading category, the regulation prescribes a formula by which tread depth measurements obtained on a test course are translated into a projected mileage figure for the individual tire tested. This figure can then be converted to a percentage of the nominal 30,000 mile treadwear value for the test course to provide a UTQG grade for the tested tire (49 CFR 575.104(e)(2)).

Traction grades are based on a series of traction coefficient measurements obtained by repeatedly running a tire over wet asphalt and concrete surfaces. Formulas are used to translate the measurements into adjusted traction coefficients for the tire on both concrete and asphalt (49 CFR 575.104(f)(2)). These adjusted traction coefficients are then compared to stated criteria to determine the grade level for which the tire qualifies (49 CFR 575.104(d)(2)(ii)).

Temperature resistance grades are determined by running a tire on a laboratory test wheel at successively higher 25 rpm speed increments until failure (49 CFR 575.104(g)). Grade assignments are based on a comparison of the highest speed successfully completed and specified criteria for the grade levels (49 CFR 575.104(d)(2)(iii)).

The Need for a Statistical Procedure for Grading

While the UTQG standards provide specific procedures regarding computation of grades for individual tires, manufacturers and brand name owners exercise considerable discretion in assigning grades to their tire lines. Product variability among tires of the same design has necessitated judgments regarding the number of tires of a given line or size to be tested and the best method of interpreting these test results and assigning an appropriate grade for a group of tires.

Following implementation of the regulation, the National Highway Traffic Safety Administration (NHTSA) sent special orders to several major tire manufacturers requesting UTQG test data for bias and bias-belted tires, and information on the method by which this data was translated into tire grades. Response to these special orders indicated wide variation within the industry regarding procedures for grade assignment. Some manufacturers evaluated data by applying statistical procedures to estimate the percentage of their production which would perform in accordance with particular grade levels. Manufacturers differed in their judgments of what represented an acceptable level of compliance with the regulation. Other manufacturers did not use a statistical procedure, relying instead on business and engineering judgment in the assignment of grades. These differing approaches and judgments give rise to a very real prospect of different manufacturers, faced with similar test results, assigning different grades to their tires. Clearly, such a result would reduce the value of the UTQG information to consumers.

Proposed Statistical Procedure

In order to improve the uniformity of the grading system and the usefulness of UTQG information to consumers, and to reduce uncertainty for industry, NHTSA now proposes incorporation into the UTQG Standards of a standardized statistical procedure for grade assignment. Under the proposal, a statistical procedure of variables sampling for percent defective or noncompliant, equivalent to that used in Military Standard 414, would be used in the determination of treadwear and traction grades. Since sampling plans of the type proposed can only be used where the property measured is a continuous variable (e.g., projected mileage, adjusted traction coefficient) use of the procedure is not proposed in the case of temperature resistance performance, which is measured in 25 rpm increments.

In establishing and enforcing Federal motor vehicle safety standards, NHTSA has traditionally required that each vehicle or piece of equipment be capable of performing at or above the specified minimum performance level. However, in the case of UTQG, where the agency is seeking to provide consumers with information on a continuum of values representative of actual performance, the conservatism in grading necessary to assure 100% compliance could seriously impair the usefulness of the grading information to consumers. NHTSA recognizes the inherent variations in performance among tires of the same design and the need to assure that tire grades are truly representative of the overall performance of a particular tire line or size. Thus, under the proposed procedure, manufacturers and brand name owners would assign grades based on a goal of 95% of their tires conforming to the grade assigned.

The proposed statistical procedure would permit the tire producer to determine whether, for the number of tires tested, a particular grade assignment is consistent with this goal. The producer would be required to assign the highest UTQG grade consistent with the goal. NHTSA would employ a similar statistical procedure to evaluate compliance with the standard. While producers would retain control of the number of tires they chose to test, testing of a larger sample would provide greater certainty that the grade arrived at is accurate.

Statistical Methodology

In the case of treadwear testing under the proposal, a tire producer would select the number of tires it wishes to test and determine the grade for each tire in the manner prescribed in 49 CFR 575.104(e), except the projected mileage percentage would not be rounded to the nearest lower ten unit increment. The producer would find the mean of the projected mileage percentage for all tires tested ($\bar{x}$) and subtract from this the nearest lower incremental UTQG grade (L). This figure would be divided by the standard deviation of the sample of tested tires (s) to yield a value Q_L where

$$Q_L = \frac{\bar{x} - L}{s} .$$

The producer would make reference to a Table of Q Values (Table 2) to determine an estimate of percent noncompliant ($\hat{p}$) for the sample data based on the Q value and the sample size. This table is an expanded version of Table B-5 of Military Standard 414 (Docket No. 25, Notice 43, Number 1). The producer would then turn to a Table of Maximum Values of $\hat{p}$ Consistent with 5% Goal (Table 3) computed in accordance with sections 4 and 6 of "Mathematical and Statistical Principles Underlying Military Standard 414" (Docket No. 25, Notice 43, Number 2) using a probability of acceptance of 95%. If the $\hat{p}$ value obtained at the grade level in question is equal to or below the maximum acceptable $\hat{p}$ value for that sample size, the producer cannot assign a higher or lower grade to the tires. If the $\hat{p}$ value is greater than the maximum permissible for the sample size, the producer would then follow the same procedure for successively lower grade increments to determine the highest grade consistent with the 95% compliance goal. Since the maximum permissible $\hat{p}$ values decrease as sample size increases, the producer can be more confident that the grade thus determined will be accurate by increasing the number of tires tested.

Traction grading would be conducted according to the same procedure and using the same tables. Adjusted traction coefficents for asphalt and concrete would be determined as provided in 49 CFR 575.104(f). An average and standard deviation for the overall adjusted traction coefficients from the various test sequences would be determined separately for each test surface. The tables would then be used to determine a traction cofficient for the tire on each surface consistent with the 95% compliance goal. These traction coefficients would form the basis for the assignment of grades according to the criteria of 49 CFR 575.104(d)(2)(ii).

In evaluating compliance with the treadwear and traction requirements, NHTSA would conduct its own testing to assure that tires have not been overgraded or undergraded. With respect to overgrading, the agency would seek to assure that the probability that a tire's performance is below the grade level assigned is small. At the same time the agency would attempt to limit the chance of finding a product in noncompliance, when in fact its grade assignment was reasonable. NHTSA would employ a statistical procedure consistent with that outlined above, except that in place of the table of maximum p values, the agency would use a table computed on the basis of a compliance goal of 90% and a 5% risk that a noncompliance will be found when in fact the assigned grade is justified. NHTSA believes that the targets chosen provide an acceptable balance between the needs of the consumer for accurate information and the industry's need for confidence regarding compliance. The same procedure would also be used to verify that the grade assigned is the highest grade consistent with NHTSA's test data.

For purposes of NHTSA's compliance testing, the agency will not be limited to drawing its sample from a particular plant of manufacture or production period. Comment is requested on how samples should be drawn by the agency for such testing.

NHTSA has tentatively concluded that the statistical procedure proposed in this notice is superior to the existing open-ended requirement and to the alternative concepts available for grade assignment. NHTSA believes that grading uniformity will be improved under the proposed system by assuring that a large, specified percentage of each tire line will exceed the performance level assigned to it, while avoiding significant undergrading. Procedures of the type selected have been proven operable in many years of use by the Department of Defense and other Federal agencies.

Alternative methodologies based on attributes sampling plans, i.e., systems which specify a permissible number of failures in a sample of a certain size, require a larger sample size to provide a comparable level of assurance in judging a performance characteristic. Confidence interval plans, in which the conclusion can be drawn that 95% of the time the true average of a population will fall between two values on a continuum, present even greater drawbacks. If a grade were based on the low end of the confidence interval, the true average of the population could well be at or close to the low end of the interval and as much as half the population could perform below the grade assigned. Thus, the variables sampling plan outlined above appears to NHTSA to be clearly preferable.

Treadwear Grade Interval

As noted above, the current UTQG treadwear test procedure requires that, in determining tire grades, projected percentages of the NHTSA nominal treadwear mileage value of 30,000 miles be rounded off to the nearest lower 10 unit increment (49 CFR 575.104(e)(2)(ix)(F)). Thus, each treadwear grade level difference represents an interval of 3,000 projected miles on the San Angelo, Texas test course. For tires with projected mileages in the 20,000 to 40,000 mile range, as is common for bias and bias-belted tires, this interval represents from 7.5 to 15% of the tires' projected treadlife.

However, since the issuance of the UTQG Standards, the percentage of the tire market represented by radial tires has increased markedly. Radials, which typically yield projected treadlives of close to 60,000 miles on the San Angelo course, now make up over 50% of the market. This percentage is expected to climb to 75 to 80% in the next few years. The 3,000 mile intervals represented by the present 10 unit increments account for only 5% of the projected treadlife of these tires. To insure that the treadwire grade intervals continue to represent a significant difference in quality, NHTSA proposes to amend section 575.104(e)(2)(ix)(F) to require that projected mileage percentages be rounded off to the nearest lower 20 unit increment (e.g., 60, 100, 120 . . .). This change would result in each grade interval representing roughly 10% of the total projected treadlife of the typical radial tire on the San Angelo course.

NHTSA has evaluated this proposal and has determined that the proposed changes are not significant within the meaning of Executive Order 12221 and the Department of Transportation policies and procedures for internal review of proposals. The agency has further determined that the costs involved in conversion to the proposed grading procedure are not great enough to warrant preparation of a regulatory evaluation. The agency has also concluded that the environmental consequences of the proposed changes will be minimal.

This notice has been reviewed for the purposes of the Regulatory Flexibility Act. The impact of this regulation on small businesses will be minimized by the exemption from Uniform Tire Quality Grading System Regulation of certain limited production tires. (See 45 FR 23442; April 7, 1980.) Also, this amendment would not require additional testing to be conducted by tire manufacturers. It would merely specify how the manufacturers would calculate their tire ratings from their test data.

In consideration of the foregoing, it is proposed that 49 CFR § 575.104, Uniform Tire Quality Grading, be amended as follows:

§ 575.104 [Amended]

1. Paragraph (d)(1)(i) would be amended by substitition of the words, "Except as provided in Appendix D, paragraph (a), each" in place of the word "Each" is the third sentence thereof, and by addition of a new sentence, "The treadwear and traction performance grades shall be assigned to each tire in accordance with the procedures for determination of maximum and minimum permissible grades in Appendix D, paragraph (b)," at the end thereof.

2. Paragraph (d)(2)(i) would be amended by substitution of the number "20" in place of the "10" and the number "140" in place of the number "150" in the second sentence thereof.

3. Paragraph (e)(2)(ix)(F) would be amended by substitution of the number "20" in place of the number "10" in the second sentence thereof.

4. A new Appendix D would be added as follows:

Appendix D

(a) The NHTSA will evaluate compliance with the treadwear and traction grade labeling requirements of this standard based on a goal that 90% of the tires of a particular line or size will be able to achieve the level of performance represented by the grades with which they are labeled. In so doing, the NHTSA will apply a 5% level of risk that a tire line or size will be found out of compliance with the requirements of the standard, when it was graded by its manufacturer of brand name owner on the basis of available test data in accordance with the procedures for determination of maximum and minimum permissible grades, as set forth below.

(b) In determining permissible treadwear and traction performance grades, find the mean of the unrounded adjusted projected mileage percentages for all tires tested ($\bar{x}$), or in the case of traction testing, the means for both asphalt and concrete of the adjusted traction coefficients for all tires tested. Subtract from this figure the nearest lower incremental treadwear grade level (L), or in the case of traction testing, the nearest lower traction coefficient index for the surface (i.e., for concrete .35 or .26; for asphalt .47 or .38). Divide this figure by the standard deviation(s) for the property in question, for the sample of tested tires:

$$Q_L = \frac{\bar{x} - L}{s}$$

Find the estimate of percent noncompliant ($_p$) in Table 2 for Q for the sample size tested. If the $_p$ value obtained in Table 2 is greater than the maximum acceptable $_p$ in Table 3 for the sample size tested (max $_p$), apply successively lower incremental values for L until a $_p$ value is obtained which is equal to or less than max $_p$. The first L value which produces a $_p$ value equal to or less than max $_p$ is both the maximum and minimum permissible performance level for the property tested for purposes of grade assignment."

5. New tables 2 and 3 would be added as follows:

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Table 2

Table of Q Values

(Estimate of Percentage Defective)

Q	3	4	5	6	7	8	9	10	11
0.01	49.724	49.667	49.644	49.633	49.626	49.621	49.618	49.616	49.614
0.02	49.449	49.333	49.288	49.265	49.251	49.242	49.236	49.231	49.228
0.03	49.173	49.000	48.932	48.898	48.877	48.864	48.854	48.847	48.842
0.04	48.897	48.667	48.577	48.530	48.503	48.485	48.472	48.463	48.456
0.05	48.621	48.333	48.221	48.163	48.129	48.106	48.091	48.079	48.070
0.06	48.345	48.000	47.865	47.796	47.755	47.728	47.709	47.695	47.685
0.07	48.069	47.667	47.509	47.429	47.381	47.350	47.328	47.311	47.299
0.08	47.793	47.333	47.154	47.062	47.007	46.972	46.947	46.928	46.914
0.09	47.516	47.000	46.798	46.695	46.634	46.594	46.566	46.545	46.529
0.10	47.240	46.667	46.443	46.329	46.261	46.216	46.185	46.162	46.144
0.11	46.963	46.333	46.088	45.962	45.888	45.839	45.804	45.779	45.760
0.12	46.686	46.000	45.733	45.596	45.515	45.461	45.424	45.397	45.376
0.13	46.409	45.667	45.378	45.230	45.142	45.085	45.044	45.014	44.992
0.14	46.131	45.333	45.023	44.864	44.770	44.708	44.665	44.633	44.608
0.15	45.853	45.000	44.668	44.499	44.398	44.332	44.285	44.251	44.225
0.16	45.575	44.667	44.313	44.133	44.026	43.956	43.907	43.871	43.843
0.17	45.297	44.333	43.959	43.768	43.655	43.580	43.528	43.490	43.461
0.18	45.018	44.000	43.605	43.404	43.284	43.205	43.151	43.110	43.079
0.19	44.738	43.667	43.251	43.039	42.913	42.831	42.775	42.731	42.698
0.20	44.459	43.333	42.897	42.675	42.543	42.457	42.398	42.352	42.316
0.21	44.179	43.000	42.544	42.311	42.173	42.083	42.020	41.973	41.938
0.22	43.898	42.667	42.190	41.948	41.804	41.710	41.644	41.596	41.559
0.23	43.617	42.333	41.837	41.585	41.435	41.337	41.269	41.218	41.180
0.24	43.335	42.000	43.485	41.222	41.067	40.965	40.894	40.842	40.802
0.25	43.053	41.667	41.132	40.860	40.699	40.594	40.520	40.466	40.425
0.26	42.771	41.333	40.780	40.499	40.332	40.223	40.147	40.091	40.048
0.27	42.487	41.000	40.428	40.137	39.965	39.853	39.774	39.717	39.673
0.28	42.204	40.667	40.076	39.777	39.599	39.484	39.403	39.343	39.298
0.29	41.919	40.333	39.725	39.416	39.234	39.115	39.031	38.970	38.923
0.30	41.634	40.000	39.374	39.057	38.869	38.747	38.661	38.598	38.550
0.31	41.348	39.667	39.023	38.697	38.505	38.379	38.291	38.227	38.178
0.32	41.062	39.333	38.673	38.339	38.141	38.013	37.923	37.857	37.806
0.33	40.774	39.000	38.323	37.981	37.779	37.647	37.555	37.487	37.435
0.34	40.486	38.667	37.973	37.623	37.416	37.282	37.188	37.119	37.066
0.35	40.198	38.333	37.624	37.266	37.055	36.917	36.821	36.751	36.697
0.36	39.908	38.000	37.275	36.910	36.694	36.554	36.456	36.384	36.329
0.37	39.617	37.667	36.927	36.554	36.335	36.192	36.092	36.019	35.963
0.38	39.326	37.333	36.579	36.199	35.976	35.830	35.728	35.654	35.597
0.39	39.033	37.000	36.231	35.845	35.617	35.469	35.366	35.290	35.233
0.40	38.740	36.667	35.884	35.491	35.260	35.110	35.005	34.928	34.869
0.41	38.446	36.333	35.538	35.138	34.903	34.751	34.644	34.566	34.507
0.42	38.150	36.000	35.191	34.786	34.548	34.393	34.285	34.206	34.146
0.43	37.854	35.667	34.846	34.434	34.193	34.036	33.927	33.847	33.786
0.44	37.556	35.333	34.501	34.084	33.839	33.680	33.570	33.489	33.427
0.45	37.257	35.000	34.156	33.734	33.486	33.326	33.214	33.132	33.070
0.46	36.958	34.667	33.812	33.385	33.134	32.972	32.859	32.777	32.714
0.47	36.656	34.333	33.468	33.036	32.783	32.619	32.506	32.422	32.359
0.48	36.354	34.000	33.125	32.689	32.433	32.268	32.153	32.069	32.005
0.49	36.050	33.667	32.782	32.342	32.085	31.918	31.802	31.717	31.653
0.50	35.745	33.333	32.440	31.996	31.737	31.569	31.452	31.367	31.302
0.51	35.439	33.000	32.099	31.651	31.390	31.221	31.103	31.018	30.953
0.52	35.131	32.667	31.758	31.307	31.044	30.874	30.756	30.670	30.605
0.53	34.821	32.333	31.418	30.964	30.700	30.529	30.410	30.324	30.258
0.54	34.510	32.000	31.078	30.622	30.356	30.184	30.065	29.979	29.913
0.55	34.197	31.667	30.739	30.281	30.014	29.841	29.722	29.635	29.569
0.56	33.883	31.333	30.401	29.940	29.673	29.500	29.380	29.293	29.227
0.57	33.567	31.000	30.063	29.601	29.333	29.159	29.040	28.952	28.886
0.58	33.249	30.667	29.726	29.263	28.994	28.820	28.701	28.613	28.547
0.59	32.929	30.333	29.390	28.926	28.656	28.483	28.363	28.276	28.209
0.60	32.608	30.000	29.055	28.589	28.320	28.146	28.027	27.939	27.874
0.61	32.284	29.667	28.720	28.256	27.985	27.812	27.692	27.605	27.539
0.62	31.958	29.333	28.385	27.920	27.651	27.478	27.359	27.272	27.206
0.63	31.630	29.000	28.052	27.587	27.319	27.146	27.027	26.941	26.875
0.64	31.300	28.667	27.719	27.255	26.987	26.815	26.697	26.611	26.546
0.65	30.968	28.333	27.387	26.925	26.658	26.486	26.368	26.283	26.218
0.66	30.633	28.000	27.056	26.595	26.329	26.159	26.042	25.956	25.892
0.67	30.296	27.667	26.726	26.267	26.002	25.833	25.716	25.632	25.568
0.68	29.956	27.333	26.396	25.939	25.676	25.508	25.393	25.309	25.245
0.69	29.614	27.000	26.067	25.613	25.352	25.185	25.070	24.987	24.925
0.70	29.269	26.667	25.740	25.289	25.029	24.864	24.750	24.668	24.606
0.71	28.921	26.333	25.412	24.965	24.708	24.544	24.431	24.350	24.289
0.72	28.569	26.000	25.086	24.643	24.388	24.226	24.114	24.034	23.973
0.73	28.215	25.667	24.761	24.322	24.070	23.909	23.799	23.720	23.660
0.74	27.858	25.333	24.436	24.002	23.753	23.594	23.486	23.407	23.348
0.75	27.497	25.000	24.113	23.683	23.437	23.281	23.174	23.097	23.039
0.76	27.133	24.667	23.790	23.366	23.124	22.969	22.864	22.788	22.731
0.77	26.765	24.333	23.469	23.050	22.811	22.659	22.556	22.481	22.425
0.78	26.393	24.000	23.148	22.736	22.501	22.351	22.249	22.176	22.121
0.79	26.017	23.667	22.828	22.423	22.192	22.045	21.945	21.873	21.819
0.80	25.637	23.333	22.509	22.111	21.884	21.740	21.642	21.572	21.519
0.81	25.252	23.000	22.191	21.801	21.578	21.437	21.341	21.273	21.221
0.82	24.863	22.667	21.875	21.492	21.274	21.136	21.043	20.975	20.925
0.83	24.469	22.333	21.559	21.185	20.972	20.837	20.746	20.680	20.631
0.84	24.070	22.000	21.244	20.879	20.671	20.540	20.450	20.387	20.339
0.85	23.666	21.667	20.930	20.574	20.372	20.244	20.157	20.095	20.049
0.86	23.255	21.333	20.618	20.271	20.074	19.950	19.866	19.806	19.761
0.87	22.839	21.000	20.306	19.970	19.779	19.658	19.577	19.518	19.475
0.88	22.417	20.667	19.996	19.670	19.485	19.368	19.289	19.233	19.191
0.89	21.988	20.333	19.687	19.371	19.193	19.079	19.004	18.950	18.910
0.90	21.551	20.000	19.379	19.075	18.902	18.794	18.721	18.669	18.630
0.91	21.107	19.667	19.072	18.779	18.614	18.511	18.439	18.390	18.353
0.92	20.655	19.333	18.766	18.486	18.327	18.227	18.160	18.113	18.077
0.93	20.195	19.000	18.461	18.194	18.042	17.947	17.882	17.838	17.804
0.94	19.725	18.667	18.158	17.904	17.759	17.668	17.608	17.565	17.533
0.95	19.245	18.333	17.856	17.615	17.478	17.392	17.335	17.294	17.264
0.96	18.755	18.000	17.555	17.328	17.199	17.118	17.064	17.026	16.998
0.97	18.253	17.667	17.255	17.043	16.921	16.845	16.795	16.759	16.732
0.98	17.738	17.333	16.957	16.759	16.646	16.575	16.528	16.495	16.471
0.99	17.210	17.000	16.660	16.477	16.372	16.307	16.263	16.233	16.211
1.00	16.667	16.667	16.364	16.197	16.101	16.040	16.001	15.973	15.953

Q	3	4	5	6	7	8	9	10	11
1.01	16.107	16.333	16.069	15.919	15.831	15.776	15.740	15.715	15.697
1.02	15.529	16.000	15.776	15.642	15.563	15.514	15.482	15.460	15.444
1.03	14.930	15.667	15.485	15.367	15.298	15.254	15.226	15.206	15.193
1.04	14.308	15.333	15.194	15.094	15.026	14.976	14.942	14.915	14.894
1.05	13.660	15.000	14.906	14.823	14.772	14.740	14.720	14.706	14.697
1.06	12.981	14.667	14.618	14.554	14.513	14.487	14.470	14.460	14.453
1.07	12.268	14.333	14.332	14.287	14.255	14.235	14.223	14.215	14.210
1.08	11.512	14.000	14.048	14.021	14.000	13.986	13.978	13.973	13.970
1.09	10.706	13.667	13.765	13.757	13.746	13.739	13.735	13.733	13.733
1.10	9.837	13.333	13.483	13.496	13.495	13.494	13.494	13.496	13.498
1.11	8.886	13.000	13.204	13.236	13.245	13.251	13.256	13.260	13.264
1.12	7.823	12.667	12.925	12.978	12.998	13.010	13.019	13.027	13.034
1.13	6.596	12.333	12.649	12.722	12.753	12.772	12.785	12.796	12.805
1.14	5.085	12.000	12.374	12.469	12.510	12.536	12.554	12.568	12.579
1.15	0.290	11.667	12.100	12.217	12.270	12.302	12.324	12.341	12.355
1.16	0.0	11.333	11.828	11.967	12.031	12.070	12.097	12.117	12.134
1.17	0.0	11.000	11.558	11.719	11.795	11.840	11.872	11.896	11.914
1.18	0.0	10.667	11.290	11.470	11.561	11.613	11.649	11.676	11.696
1.19	0.0	10.333	11.023	11.230	11.329	11.388	11.429	11.459	11.483
1.20	0.0	10.000	10.758	10.988	11.099	11.165	11.211	11.244	11.271
1.21	0.0	9.667	10.495	10.749	10.871	10.945	10.995	11.032	11.061
1.22	0.0	9.333	10.234	10.512	10.646	10.727	10.782	10.822	10.853
1.23	0.0	9.000	9.975	10.277	10.423	10.511	10.570	10.614	10.648
1.24	0.0	8.667	9.717	10.044	10.202	10.297	10.361	10.408	10.445
1.25	0.0	8.333	9.462	9.813	9.983	10.086	10.155	10.205	10.244
1.26	0.0	8.000	9.208	9.585	9.767	9.877	9.951	10.004	10.046
1.27	0.0	7.667	8.957	9.358	9.553	9.670	9.749	9.806	9.850
1.28	0.0	7.333	8.707	9.134	9.341	9.466	9.549	9.610	9.656
1.29	0.0	7.000	8.459	8.912	9.132	9.263	9.352	9.416	9.464
1.30	0.0	6.667	8.214	8.693	8.925	9.064	9.157	9.224	9.275
1.31	0.0	6.333	7.971	8.476	8.720	8.866	8.964	9.035	9.088
1.32	0.0	6.000	7.729	8.261	8.518	8.671	8.774	8.848	8.904
1.33	0.0	5.667	7.490	8.048	8.318	8.478	8.586	8.663	8.722
1.34	0.0	5.333	7.253	7.838	8.120	8.288	8.400	8.481	8.542
1.35	0.0	5.000	7.019	7.630	7.925	8.100	8.217	8.301	8.364
1.36	0.0	4.667	6.786	7.424	7.732	7.914	8.036	8.123	8.189
1.37	0.0	4.333	6.556	7.221	7.541	7.731	7.857	7.948	8.016
1.38	0.0	4.000	6.329	7.020	7.353	7.550	7.681	7.774	7.845
1.39	0.0	3.667	6.103	6.822	7.167	7.371	7.506	7.604	7.677
1.40	0.0	3.333	5.881	6.626	6.984	7.195	7.335	7.435	7.511
1.41	0.0	3.000	5.660	6.433	6.803	7.021	7.165	7.269	7.347
1.42	0.0	2.667	5.443	6.242	6.624	6.849	6.998	7.105	7.185
1.43	0.0	2.333	5.228	6.054	6.448	6.680	6.833	6.943	7.026
1.44	0.0	2.000	5.015	5.868	6.274	6.513	6.671	6.784	6.869
1.45	0.0	1.667	4.805	5.685	6.103	6.348	6.511	6.627	6.714
1.46	0.0	1.333	4.598	5.504	5.934	6.186	6.353	6.472	6.561
1.47	0.0	1.000	4.394	5.326	5.767	6.026	6.197	6.319	6.411
1.48	0.0	0.667	4.193	5.150	5.603	5.869	6.044	6.169	6.262
1.49	0.0	0.333	3.994	4.977	5.442	5.714	5.893	6.021	6.116
1.50	0.0	0.000	3.799	4.807	5.282	5.561	5.744	5.875	5.973

Q	3	4	5	6	7	8	9	10	11
1.51	0.0	0.000	3.606	4.639	5.126	5.410	5.598	5.731	5.831
1.52	0.0	0.000	3.417	4.474	4.972	5.262	5.454	5.590	5.692
1.53	0.0	0.000	3.231	4.312	4.820	5.116	5.312	5.450	5.554
1.54	0.0	0.000	3.048	4.152	4.671	4.973	5.172	5.313	5.419
1.55	0.0	0.000	2.869	3.995	4.524	4.832	5.035	5.179	5.286
1.56	0.0	0.000	2.693	3.841	4.379	4.693	4.899	5.046	5.155
1.57	0.0	0.000	2.521	3.690	4.237	4.557	4.767	4.915	5.027
1.58	0.0	0.000	2.352	3.541	4.098	4.423	4.636	4.787	4.900
1.59	0.0	0.000	2.187	3.395	3.961	4.291	4.507	4.661	4.776
1.60	0.0	0.000	2.026	3.252	3.827	4.161	4.381	4.537	4.653
1.61	0.0	0.000	1.869	3.112	3.695	4.034	4.257	4.415	4.532
1.62	0.0	0.000	1.716	2.974	3.565	3.909	4.135	4.295	4.415
1.63	0.0	0.000	1.567	2.840	3.438	3.787	4.016	4.178	4.299
1.64	0.0	0.000	1.423	2.708	3.314	3.666	3.898	4.062	4.184
1.65	0.0	0.000	1.283	2.579	3.192	3.548	3.783	3.948	4.072
1.66	0.0	0.000	1.148	2.453	3.072	3.433	3.669	3.837	3.962
1.67	0.0	0.000	1.018	2.330	2.955	3.319	3.558	3.728	3.854
1.68	0.0	0.000	0.893	2.210	2.840	3.208	3.449	3.620	3.748
1.69	0.0	0.000	0.773	2.093	2.728	3.099	3.343	3.515	3.644
1.70	0.0	0.000	0.659	1.979	2.618	2.992	3.238	3.412	3.542
1.71	0.0	0.000	0.552	1.868	2.511	2.888	3.135	3.311	3.442
1.72	0.0	0.000	0.451	1.760	2.406	2.785	3.035	3.211	3.343
1.73	0.0	0.000	0.356	1.655	2.304	2.685	2.936	3.114	3.247
1.74	0.0	0.000	0.270	1.553	2.204	2.587	2.840	3.019	3.152
1.75	0.0	0.000	0.192	1.454	2.106	2.491	2.745	2.925	3.060
1.76	0.0	0.000	0.123	1.358	2.011	2.398	2.653	2.834	2.969
1.77	0.0	0.000	0.065	1.266	1.918	2.306	2.562	2.744	2.880
1.78	0.0	0.000	0.021	1.176	1.828	2.217	2.474	2.657	2.793
1.79	0.0	0.000	0.0	1.090	1.740	2.130	2.387	2.571	2.708
1.80	0.0	0.000	0.0	1.006	1.655	2.045	2.303	2.487	2.624
1.81	0.0	0.000	0.0	0.926	1.572	1.962	2.220	2.405	2.543
1.82	0.0	0.000	0.0	0.849	1.491	1.881	2.140	2.324	2.463
1.83	0.0	0.000	0.0	0.776	1.413	1.802	2.061	2.246	2.385
1.84	0.0	0.000	0.0	0.705	1.337	1.725	1.984	2.169	2.308
1.85	0.0	0.000	0.0	0.638	1.263	1.650	1.909	2.094	2.233
1.86	0.0	0.000	0.0	0.574	1.192	1.577	1.836	2.021	2.160
1.87	0.0	0.000	0.0	0.513	1.123	1.507	1.765	1.950	2.089
1.88	0.0	0.000	0.0	0.456	1.057	1.438	1.695	1.880	2.019
1.89	0.0	0.000	0.0	0.402	0.992	1.371	1.628	1.812	1.951
1.90	0.0	0.000	0.0	0.351	0.930	1.306	1.562	1.746	1.884
1.91	0.0	0.000	0.0	0.303	0.870	1.243	1.498	1.681	1.820
1.92	0.0	0.000	0.0	0.259	0.813	1.182	1.436	1.618	1.756
1.93	0.0	0.000	0.0	0.219	0.758	1.123	1.375	1.557	1.694
1.94	0.0	0.000	0.0	0.181	0.705	1.066	1.316	1.497	1.634
1.95	0.0	0.000	0.0	0.148	0.654	1.011	1.259	1.439	1.576
1.96	0.0	0.000	0.0	0.117	0.605	0.957	1.203	1.382	1.518
1.97	0.0	0.000	0.0	0.090	0.558	0.905	1.149	1.327	1.463
1.98	0.0	0.000	0.0	0.067	0.514	0.856	1.097	1.274	1.408
1.99	0.0	0.000	0.0	0.047	0.472	0.807	1.046	1.222	1.355
2.00	0.0	0.000	0.0	0.030	0.431	0.761	0.997	1.171	1.304

0	3	4	5	6	7	8	9	10	11
2.01	0.0	0.000	0.0	0.017	0.393	0.716	0.950	1.122	1.254
2.02	0.0	0.000	0.0	0.008	0.357	0.673	0.903	1.074	1.205
2.03	0.0	0.000	0.0	0.002	0.323	0.632	0.859	1.028	1.158
2.04	0.0	0.000	0.0	0.000	0.291	0.592	0.816	0.983	1.112
2.05	0.0	0.000	0.0	0.000	0.260	0.554	0.774	0.940	1.067
2.06	0.0	0.000	0.0	0.000	0.232	0.517	0.734	0.898	1.024
2.07	0.0	0.000	0.0	0.000	0.206	0.482	0.695	0.857	0.982
2.08	0.0	0.000	0.0	0.000	0.181	0.449	0.658	0.817	0.941
2.09	0.0	0.000	0.0	0.000	0.158	0.417	0.622	0.779	0.901
2.10	0.0	0.000	0.0	0.000	0.137	0.387	0.587	0.742	0.863
2.11	0.0	0.000	0.0	0.000	0.118	0.358	0.554	0.706	0.826
2.12	0.0	0.000	0.0	0.000	0.101	0.330	0.522	0.672	0.790
2.13	0.0	0.000	0.0	0.000	0.085	0.304	0.491	0.639	0.755
2.14	0.0	0.000	0.0	0.000	0.070	0.279	0.462	0.606	0.721
2.15	0.0	0.000	0.0	0.000	0.057	0.256	0.434	0.576	0.688
2.16	0.0	0.000	0.0	0.000	0.046	0.233	0.407	0.546	0.657
2.17	0.0	0.000	0.0	0.000	0.036	0.213	0.381	0.517	0.626
2.18	0.0	0.000	0.0	0.000	0.028	0.193	0.356	0.489	0.597
2.19	0.0	0.000	0.0	0.000	0.021	0.175	0.332	0.463	0.568
2.20	0.0	0.000	0.0	0.000	0.015	0.157	0.310	0.437	0.541
2.21	0.0	0.000	0.0	0.000	0.010	0.141	0.288	0.413	0.514
2.22	0.0	0.000	0.0	0.000	0.006	0.126	0.268	0.389	0.489
2.23	0.0	0.000	0.0	0.000	0.003	0.112	0.248	0.366	0.464
2.24	0.0	0.000	0.0	0.000	0.002	0.099	0.230	0.345	0.440
2.25	0.0	0.000	0.0	0.000	0.001	0.087	0.212	0.324	0.417
2.26	0.0	0.000	0.0	0.000	0.000	0.077	0.196	0.304	0.395
2.27	0.0	0.000	0.0	0.000	0.000	0.067	0.180	0.285	0.374
2.28	0.0	0.000	0.0	0.000	0.000	0.057	0.165	0.267	0.354
2.29	0.0	0.000	0.0	0.000	0.000	0.049	0.151	0.250	0.335
2.30	0.0	0.000	0.0	0.000	0.000	0.042	0.138	0.233	0.316
2.31	0.0	0.000	0.0	0.000	0.000	0.035	0.126	0.218	0.298
2.32	0.0	0.000	0.0	0.000	0.000	0.029	0.115	0.203	0.281
2.33	0.0	0.000	0.0	0.000	0.000	0.024	0.104	0.189	0.265
2.34	0.0	0.000	0.0	0.000	0.000	0.019	0.094	0.175	0.249
2.35	0.0	0.000	0.0	0.000	0.000	0.015	0.084	0.163	0.234
2.36	0.0	0.000	0.0	0.000	0.000	0.012	0.076	0.151	0.220
2.37	0.0	0.000	0.0	0.000	0.000	0.009	0.068	0.139	0.206
2.38	0.0	0.000	0.0	0.000	0.000	0.007	0.060	0.128	0.193
2.39	0.0	0.000	0.0	0.000	0.000	0.005	0.053	0.118	0.181
2.40	0.0	0.000	0.0	0.000	0.000	0.003	0.047	0.109	0.169
2.41	0.0	0.000	0.0	0.000	0.000	0.002	0.041	0.100	0.158
2.42	0.0	0.000	0.0	0.000	0.000	0.001	0.036	0.091	0.147
2.43	0.0	0.000	0.0	0.000	0.000	0.001	0.031	0.083	0.137
2.44	0.0	0.000	0.0	0.000	0.000	0.000	0.027	0.076	0.127
2.45	0.0	0.000	0.0	0.000	0.000	0.000	0.023	0.069	0.118
2.46	0.0	0.000	0.0	0.000	0.000	0.000	0.020	0.063	0.110
2.47	0.0	0.000	0.0	0.000	0.000	0.000	0.017	0.057	0.102
2.48	0.0	0.000	0.0	0.000	0.000	0.000	0.014	0.051	0.094
2.49	0.0	0.000	0.0	0.000	0.000	0.000	0.012	0.046	0.087
2.50	0.0	0.000	0.0	0.000	0.000	0.000	0.009	0.041	0.080

0	3	4	5	6	7	8	9	10	11
2.51	0.0	0.000	0.0	0.000	0.000	0.000	0.008	0.037	0.074
2.52	0.0	0.000	0.0	0.000	0.000	0.000	0.006	0.033	0.068
2.53	0.0	0.000	0.0	0.000	0.000	0.000	0.005	0.029	0.062
2.54	0.0	0.000	0.0	0.000	0.000	0.000	0.004	0.026	0.057
2.55	0.0	0.000	0.0	0.000	0.000	0.000	0.003	0.023	0.052
2.56	0.0	0.000	0.0	0.000	0.000	0.000	0.002	0.020	0.047
2.57	0.0	0.000	0.0	0.000	0.000	0.000	0.001	0.017	0.043
2.58	0.0	0.000	0.0	0.000	0.000	0.000	0.001	0.015	0.039
2.59	0.0	0.000	0.0	0.000	0.000	0.000	0.001	0.013	0.035
2.60	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.011	0.032
2.61	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.009	0.029
2.62	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.008	0.026
2.63	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.007	0.023
2.64	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.006	0.021
2.65	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.005	0.018
2.66	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.004	0.016
2.67	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.003	0.014
2.68	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.002	0.013
2.69	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.002	0.011
2.70	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.001	0.010
2.71	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.001	0.008
2.72	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.001	0.007
2.73	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.001	0.006
2.74	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.000	0.005
2.75	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.000	0.005
2.76	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.000	0.004
2.77	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.000	0.003
2.78	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.000	0.003
2.79	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.000	0.002
2.80	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.000	0.002
2.81	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.000	0.001
2.82	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.000	0.001
2.83	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.000	0.001
2.84	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.000	0.001
2.85	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.000	0.001
2.86	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.000	0.000
2.87	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.000	0.000
2.88	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.000	0.000
2.89	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.000	0.000
2.90	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.000	0.000
2.91	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.000	0.000
2.92	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.000	0.000
2.93	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.000	0.000
2.94	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.000	0.000
2.95	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.000	0.000
2.96	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.000	0.000
2.97	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.000	0.000
2.98	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.000	0.000
2.99	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.000	0.000
3.00	0.0	0.000	0.0	0.000	0.000	0.000	0.000	0.000	0.000

Q	12	13	14	15	16	17	18	19	20
0.01	49.612	49.611	49.610	49.610	49.609	49.608	49.608	49.607	49.607
0.02	49.225	49.223	49.221	49.219	49.218	49.217	49.216	49.215	49.214
0.03	48.838	48.834	48.831	48.829	48.827	48.825	48.824	48.823	48.821
0.04	48.450	48.446	48.442	48.439	48.436	48.434	48.432	48.430	48.429
0.05	48.063	48.057	48.053	48.049	48.046	48.043	48.040	48.038	48.036
0.06	47.676	47.669	47.664	47.659	47.655	47.652	47.649	47.646	47.644
0.07	47.289	47.281	47.275	47.269	47.265	47.261	47.257	47.254	47.252
0.08	46.903	46.894	46.886	46.880	46.875	46.870	46.866	46.863	46.860
0.09	46.516	46.506	46.498	46.491	46.485	46.480	46.475	46.472	46.468
0.10	46.130	46.119	46.110	46.102	46.095	46.090	46.085	46.081	46.077
0.11	45.744	45.732	45.722	45.713	45.706	45.700	45.695	45.690	45.686
0.12	45.359	45.345	45.334	45.325	45.317	45.311	45.305	45.300	45.295
0.13	44.974	44.959	44.947	44.937	44.929	44.922	44.915	44.910	44.905
0.14	44.589	44.574	44.561	44.550	44.541	44.533	44.526	44.521	44.515
0.15	44.205	44.188	44.175	44.163	44.153	44.145	44.138	44.132	44.126
0.16	43.821	43.803	43.789	43.777	43.766	43.758	43.750	43.743	43.737
0.17	43.438	43.419	43.404	43.391	43.380	43.371	43.363	43.355	43.349
0.18	43.055	43.035	43.019	43.006	42.995	42.984	42.976	42.968	42.962
0.19	42.673	42.652	42.635	42.621	42.609	42.598	42.589	42.582	42.575
0.20	42.291	42.269	42.251	42.237	42.225	42.213	42.204	42.196	42.188
0.21	41.910	41.887	41.869	41.853	41.840	41.829	41.819	41.810	41.803
0.22	41.529	41.506	41.486	41.470	41.457	41.445	41.435	41.426	41.418
0.23	41.150	41.125	41.105	41.088	41.074	41.062	41.051	41.042	41.034
0.24	40.771	40.745	40.724	40.707	40.692	40.679	40.668	40.659	40.650
0.25	40.392	40.366	40.344	40.326	40.311	40.298	40.286	40.276	40.268
0.26	40.015	39.987	39.965	39.946	39.931	39.917	39.905	39.895	39.886
0.27	39.638	39.610	39.587	39.567	39.551	39.537	39.525	39.514	39.505
0.28	39.262	39.233	39.209	39.189	39.173	39.158	39.146	39.135	39.125
0.29	38.887	38.857	38.833	38.812	38.795	38.780	38.767	38.756	38.746
0.30	38.512	38.482	38.457	38.436	38.418	38.403	38.390	38.378	38.368
0.31	38.139	38.108	38.082	38.061	38.042	38.027	38.013	38.002	37.991
0.32	37.766	37.735	37.708	37.686	37.668	37.652	37.638	37.626	37.615
0.33	37.395	37.362	37.335	37.313	37.294	37.278	37.264	37.251	37.240
0.34	37.024	36.991	36.964	36.941	36.921	36.905	36.890	36.878	36.867
0.35	36.655	36.621	36.593	36.570	36.550	36.533	36.518	36.505	36.494
0.36	36.286	36.252	36.223	36.199	36.179	36.162	36.147	36.134	36.122
0.37	35.919	35.884	35.855	35.831	35.810	35.792	35.777	35.764	35.752
0.38	35.553	35.517	35.487	35.463	35.442	35.424	35.409	35.395	35.383
0.39	35.187	35.151	35.121	35.096	35.075	35.057	35.041	35.027	35.015
0.40	34.823	34.786	34.756	34.731	34.709	34.691	34.675	34.661	34.649
0.41	34.461	34.423	34.392	34.367	34.345	34.326	34.310	34.296	34.284
0.42	34.099	34.061	34.030	34.004	33.982	33.963	33.947	33.932	33.920
0.43	33.738	33.700	33.668	33.642	33.620	33.601	33.584	33.570	33.557
0.44	33.379	33.340	33.308	33.282	33.259	33.240	33.223	33.209	33.196
0.45	33.021	32.982	32.950	32.923	32.900	32.881	32.864	32.849	32.836
0.46	32.665	32.625	32.592	32.565	32.543	32.523	32.506	32.491	32.478
0.47	32.309	32.269	32.237	32.209	32.186	32.166	32.149	32.134	32.121
0.48	31.955	31.915	31.882	31.855	31.831	31.811	31.794	31.779	31.766
0.49	31.603	31.562	31.529	31.501	31.478	31.458	31.441	31.426	31.412
0.50	31.251	31.211	31.177	31.150	31.126	31.106	31.089	31.073	31.060

Q	12	13	14	15	16	17	18	19	20
0.51	30.902	30.861	30.827	30.799	30.776	30.756	30.739	30.723	30.709
0.52	30.553	30.512	30.479	30.451	30.427	30.407	30.389	30.374	30.360
0.53	30.207	30.165	30.132	30.104	30.080	30.059	30.042	30.026	30.013
0.54	29.861	29.820	29.786	29.758	29.734	29.714	29.696	29.681	29.667
0.55	29.517	29.476	29.442	29.414	29.390	29.370	29.352	29.337	29.323
0.56	29.175	29.134	29.100	29.072	29.048	29.027	29.010	28.994	28.981
0.57	28.834	28.793	28.759	28.731	28.707	28.687	28.669	28.654	28.640
0.58	28.495	28.454	28.420	28.392	28.368	28.348	28.330	28.315	28.301
0.59	28.158	28.116	28.083	28.055	28.031	28.010	27.993	27.978	27.964
0.60	27.822	27.781	27.747	27.719	27.695	27.675	27.658	27.642	27.629
0.61	27.488	27.447	27.413	27.385	27.361	27.341	27.324	27.309	27.295
0.62	27.155	27.114	27.081	27.053	27.029	27.009	26.992	26.977	26.964
0.63	26.824	26.784	26.750	26.723	26.699	26.679	26.662	26.647	26.634
0.64	26.495	26.455	26.422	26.394	26.371	26.351	26.334	26.319	26.306
0.65	26.168	26.128	26.095	26.067	26.044	26.025	26.008	25.993	25.980
0.66	25.842	25.802	25.770	25.742	25.720	25.700	25.683	25.669	25.656
0.67	25.518	25.479	25.446	25.419	25.397	25.378	25.361	25.346	25.334
0.68	25.196	25.157	25.125	25.098	25.076	25.057	25.040	25.026	25.013
0.69	24.876	24.837	24.805	24.779	24.757	24.738	24.722	24.708	24.695
0.70	24.558	24.519	24.488	24.462	24.440	24.421	24.405	24.391	24.379
0.71	24.241	24.203	24.172	24.146	24.125	24.106	24.091	24.077	24.065
0.72	23.926	23.889	23.858	23.833	23.812	23.794	23.778	23.764	23.752
0.73	23.614	23.577	23.546	23.522	23.501	23.483	23.467	23.454	23.442
0.74	23.303	23.266	23.237	23.212	23.191	23.174	23.159	23.146	23.134
0.75	22.994	22.958	22.929	22.905	22.884	22.867	22.852	22.839	22.828
0.76	22.687	22.651	22.623	22.599	22.579	22.562	22.548	22.535	22.524
0.77	22.382	22.347	22.319	22.296	22.276	22.260	22.246	22.233	22.222
0.78	22.078	22.045	22.017	21.994	21.975	21.959	21.945	21.933	21.923
0.79	21.777	21.744	21.717	21.695	21.677	21.661	21.647	21.635	21.625
0.80	21.478	21.446	21.420	21.398	21.380	21.364	21.351	21.340	21.330
0.81	21.181	21.150	21.124	21.103	21.085	21.070	21.057	21.046	21.036
0.82	20.886	20.855	20.830	20.810	20.793	20.778	20.766	20.755	20.745
0.83	20.593	20.563	20.539	20.519	20.502	20.488	20.476	20.466	20.456
0.84	20.302	20.273	20.250	20.230	20.214	20.201	20.189	20.179	20.170
0.85	20.013	19.985	19.962	19.944	19.928	19.915	19.904	19.894	19.885
0.86	19.727	19.699	19.677	19.659	19.644	19.632	19.621	19.611	19.603
0.87	19.442	19.416	19.395	19.377	19.363	19.350	19.340	19.331	19.323
0.88	19.159	19.134	19.114	19.097	19.083	19.071	19.061	19.053	19.045
0.89	18.879	18.855	18.835	18.819	18.806	18.795	18.785	18.777	18.770
0.90	18.601	18.578	18.559	18.544	18.531	18.520	18.511	18.503	18.496
0.91	18.325	18.302	18.285	18.270	18.258	18.248	18.239	18.232	18.226
0.92	18.051	18.030	18.013	17.999	17.988	17.978	17.970	17.963	17.957
0.93	17.779	17.759	17.743	17.730	17.719	17.710	17.703	17.696	17.691
0.94	17.509	17.490	17.476	17.463	17.453	17.445	17.438	17.432	17.426
0.95	17.242	17.224	17.210	17.199	17.189	17.182	17.175	17.169	17.164
0.96	16.977	16.960	16.947	16.937	16.928	16.921	16.915	16.909	16.905
0.97	16.714	16.698	16.686	16.677	16.669	16.662	16.657	16.652	16.648
0.98	16.453	16.439	16.428	16.419	16.412	16.406	16.401	16.397	16.393
0.99	16.194	16.182	16.172	16.164	16.157	16.152	16.147	16.144	16.140
1.00	15.938	15.927	15.918	15.911	15.905	15.900	15.896	15.893	15.890

Q	12	13	14	15	16	17	18	19	20
1.01	15.688	15.678	15.666	15.660	15.655	15.651	15.647	15.645	15.642
1.02	15.432	15.423	15.417	15.411	15.407	15.404	15.401	15.399	15.397
1.03	15.183	15.175	15.170	15.165	15.162	15.159	15.157	15.155	15.154
1.04	14.935	14.929	14.925	14.921	14.919	14.917	14.915	14.914	14.913
1.05	14.690	14.686	14.682	14.680	14.678	14.677	14.676	14.675	14.674
1.06	14.448	14.444	14.442	14.441	14.440	14.439	14.438	14.438	14.438
1.07	14.207	14.205	14.204	14.204	14.203	14.204	14.204	14.204	14.204
1.08	13.969	13.969	13.969	13.969	13.970	13.970	13.971	13.972	13.973
1.09	13.733	13.734	13.736	13.737	13.738	13.740	13.741	13.743	13.744
1.10	13.500	13.502	13.505	13.507	13.509	13.511	13.513	13.515	13.517
1.11	13.269	13.272	13.276	13.279	13.283	13.285	13.288	13.291	13.293
1.12	13.040	13.045	13.050	13.054	13.058	13.062	13.065	13.068	13.071
1.13	12.813	12.820	12.826	12.831	12.836	12.840	12.844	12.848	12.851
1.14	12.589	12.597	12.604	12.611	12.616	12.621	12.626	12.630	12.634
1.15	12.367	12.377	12.385	12.392	12.399	12.405	12.410	12.415	12.419
1.16	12.147	12.158	12.168	12.177	12.184	12.191	12.196	12.202	12.206
1.17	11.930	11.943	11.954	11.963	11.971	11.979	11.985	11.991	11.996
1.18	11.715	11.729	11.741	11.752	11.761	11.769	11.776	11.783	11.788
1.19	11.502	11.518	11.531	11.543	11.553	11.562	11.570	11.577	11.583
1.20	11.292	11.309	11.324	11.336	11.347	11.357	11.365	11.373	11.380
1.21	11.084	11.103	11.119	11.132	11.144	11.154	11.163	11.172	11.179
1.22	10.878	10.898	10.916	10.930	10.943	10.954	10.964	10.972	10.980
1.23	10.675	10.697	10.715	10.731	10.744	10.756	10.767	10.776	10.784
1.24	10.473	10.497	10.517	10.534	10.548	10.561	10.572	10.581	10.590
1.25	10.275	10.300	10.321	10.339	10.354	10.367	10.379	10.389	10.399
1.26	10.078	10.105	10.127	10.146	10.162	10.176	10.189	10.200	10.209
1.27	9.884	9.912	9.936	9.956	9.973	9.988	10.001	10.012	10.022
1.28	9.692	9.722	9.747	9.768	9.786	9.801	9.815	9.827	9.838
1.29	9.503	9.534	9.560	9.582	9.601	9.617	9.631	9.644	9.655
1.30	9.316	9.348	9.376	9.399	9.418	9.435	9.450	9.464	9.475
1.31	9.131	9.165	9.194	9.218	9.238	9.256	9.271	9.285	9.297
1.32	8.948	8.984	9.014	9.039	9.060	9.079	9.095	9.109	9.122
1.33	8.768	8.805	8.836	8.862	8.885	8.904	8.921	8.935	8.949
1.34	8.590	8.629	8.661	8.688	8.711	8.731	8.749	8.764	8.778
1.35	8.414	8.455	8.488	8.516	8.540	8.561	8.579	8.595	8.609
1.36	8.241	8.283	8.317	8.346	8.371	8.392	8.411	8.428	8.442
1.37	8.070	8.113	8.149	8.179	8.204	8.227	8.246	8.263	8.278
1.38	7.901	7.946	7.983	8.014	8.040	8.063	8.083	8.100	8.116
1.39	7.734	7.780	7.819	7.851	7.878	7.901	7.922	7.940	7.956
1.40	7.570	7.618	7.657	7.690	7.718	7.742	7.763	7.782	7.798
1.41	7.408	7.457	7.497	7.531	7.560	7.585	7.607	7.626	7.643
1.42	7.248	7.298	7.340	7.375	7.404	7.430	7.452	7.472	7.489
1.43	7.090	7.142	7.185	7.221	7.251	7.277	7.300	7.320	7.338
1.44	6.935	6.988	7.032	7.069	7.100	7.127	7.150	7.171	7.189
1.45	6.782	6.836	6.881	6.919	6.951	6.978	7.002	7.023	7.042
1.46	6.631	6.687	6.733	6.771	6.804	6.832	6.856	6.878	6.897
1.47	6.482	6.539	6.586	6.626	6.659	6.688	6.713	6.735	6.754
1.48	6.335	6.394	6.442	6.482	6.516	6.546	6.571	6.594	6.614
1.49	6.191	6.251	6.300	6.341	6.376	6.406	6.432	6.455	6.475
1.50	6.049	6.110	6.160	6.202	6.238	6.268	6.295	6.318	6.339

Q	12	13	14	15	16	17	18	19	20
1.51	5.909	5.971	6.022	6.065	6.101	6.132	6.159	6.183	6.204
1.52	5.771	5.834	5.886	5.930	5.967	5.999	6.026	6.051	6.072
1.53	5.635	5.700	5.753	5.797	5.835	5.867	5.895	5.920	5.942
1.54	5.501	5.567	5.621	5.666	5.705	5.738	5.766	5.791	5.813
1.55	5.370	5.437	5.492	5.538	5.577	5.610	5.639	5.664	5.687
1.56	5.240	5.309	5.364	5.411	5.451	5.484	5.514	5.540	5.563
1.57	5.113	5.182	5.239	5.286	5.327	5.361	5.391	5.417	5.440
1.58	4.988	5.058	5.116	5.164	5.204	5.239	5.270	5.296	5.320
1.59	4.865	4.936	4.994	5.043	5.084	5.120	5.151	5.178	5.201
1.60	4.744	4.816	4.875	4.924	4.966	5.002	5.033	5.061	5.085
1.61	4.625	4.698	4.758	4.808	4.850	4.887	4.918	4.946	4.970
1.62	4.508	4.582	4.642	4.693	4.736	4.773	4.805	4.833	4.858
1.63	4.393	4.468	4.529	4.580	4.624	4.661	4.693	4.722	4.747
1.64	4.279	4.355	4.418	4.469	4.513	4.551	4.584	4.612	4.638
1.65	4.168	4.245	4.308	4.361	4.405	4.443	4.476	4.505	4.531
1.66	4.059	4.137	4.201	4.254	4.298	4.337	4.370	4.399	4.425
1.67	3.952	4.031	4.095	4.148	4.194	4.232	4.266	4.296	4.322
1.68	3.847	3.926	3.991	4.045	4.091	4.130	4.164	4.194	4.220
1.69	3.744	3.824	3.889	3.944	3.990	4.029	4.064	4.094	4.120
1.70	3.643	3.723	3.789	3.844	3.890	3.930	3.965	3.995	4.022
1.71	3.543	3.624	3.691	3.746	3.793	3.833	3.868	3.899	3.926
1.72	3.446	3.527	3.594	3.650	3.697	3.738	3.773	3.804	3.831
1.73	3.350	3.432	3.500	3.556	3.603	3.644	3.680	3.711	3.738
1.74	3.256	3.339	3.407	3.463	3.511	3.552	3.588	3.619	3.647
1.75	3.164	3.248	3.316	3.373	3.421	3.462	3.498	3.529	3.557
1.76	3.074	3.158	3.227	3.284	3.332	3.374	3.410	3.441	3.469
1.77	2.986	3.070	3.139	3.196	3.245	3.287	3.323	3.355	3.383
1.78	2.899	2.984	3.053	3.111	3.160	3.202	3.238	3.270	3.298
1.79	2.814	2.899	2.969	3.027	3.076	3.118	3.155	3.187	3.215
1.80	2.731	2.817	2.886	2.945	2.994	3.036	3.073	3.105	3.133
1.81	2.650	2.735	2.806	2.864	2.914	2.956	2.993	3.025	3.054
1.82	2.570	2.656	2.726	2.785	2.835	2.877	2.914	2.947	2.975
1.83	2.492	2.578	2.649	2.708	2.757	2.800	2.837	2.870	2.898
1.84	2.416	2.502	2.573	2.632	2.682	2.725	2.762	2.794	2.823
1.85	2.341	2.428	2.499	2.558	2.608	2.651	2.688	2.720	2.749
1.86	2.268	2.355	2.426	2.485	2.535	2.578	2.615	2.648	2.677
1.87	2.197	2.284	2.355	2.414	2.464	2.507	2.544	2.577	2.606
1.88	2.127	2.214	2.285	2.344	2.394	2.437	2.475	2.508	2.537
1.89	2.059	2.146	2.217	2.276	2.326	2.369	2.407	2.440	2.468
1.90	1.993	2.079	2.150	2.209	2.260	2.303	2.340	2.373	2.402
1.91	1.927	2.014	2.085	2.144	2.196	2.238	2.275	2.308	2.337
1.92	1.864	1.950	2.021	2.080	2.131	2.174	2.211	2.244	2.273
1.93	1.802	1.888	1.959	2.018	2.068	2.111	2.149	2.181	2.210
1.94	1.741	1.827	1.898	1.957	2.007	2.050	2.087	2.120	2.149
1.95	1.682	1.768	1.839	1.898	1.948	1.990	2.028	2.060	2.089
1.96	1.625	1.710	1.781	1.839	1.889	1.932	1.969	2.002	2.031
1.97	1.569	1.654	1.724	1.782	1.832	1.875	1.912	1.945	1.973
1.98	1.514	1.599	1.669	1.727	1.777	1.819	1.856	1.889	1.917
1.99	1.460	1.545	1.615	1.673	1.722	1.765	1.802	1.834	1.863
2.00	1.408	1.493	1.562	1.620	1.669	1.711	1.748	1.780	1.809

0	12	13	14	15	16	17	18	19	20
2.01	1.358	1.441	1.510	1.568	1.617	1.659	1.696	1.728	1.757
2.02	1.308	1.392	1.460	1.518	1.567	1.609	1.645	1.677	1.706
2.03	1.260	1.343	1.411	1.469	1.517	1.559	1.595	1.627	1.656
2.04	1.214	1.296	1.364	1.421	1.469	1.511	1.547	1.579	1.607
2.05	1.168	1.250	1.317	1.374	1.422	1.463	1.499	1.531	1.559
2.06	1.124	1.205	1.272	1.328	1.376	1.417	1.453	1.485	1.512
2.07	1.081	1.161	1.228	1.284	1.331	1.372	1.408	1.439	1.467
2.08	1.039	1.119	1.185	1.240	1.288	1.328	1.364	1.395	1.423
2.09	0.999	1.078	1.143	1.198	1.245	1.286	1.321	1.352	1.379
2.10	0.959	1.038	1.102	1.157	1.204	1.244	1.279	1.310	1.337
2.11	0.921	0.999	1.063	1.117	1.163	1.203	1.238	1.269	1.296
2.12	0.884	0.961	1.024	1.078	1.124	1.164	1.198	1.228	1.255
2.13	0.848	0.924	0.987	1.040	1.086	1.125	1.159	1.189	1.216
2.14	0.813	0.888	0.951	1.003	1.048	1.087	1.121	1.151	1.178
2.15	0.779	0.853	0.915	0.968	1.012	1.051	1.084	1.114	1.140
2.16	0.746	0.820	0.881	0.933	0.977	1.015	1.049	1.078	1.104
2.17	0.714	0.787	0.848	0.899	0.943	0.980	1.014	1.043	1.069
2.18	0.684	0.755	0.815	0.866	0.909	0.947	0.980	1.008	1.034
2.19	0.654	0.725	0.784	0.834	0.877	0.914	0.946	0.975	1.000
2.20	0.625	0.695	0.753	0.803	0.845	0.882	0.914	0.942	0.968
2.21	0.597	0.666	0.724	0.772	0.814	0.851	0.883	0.911	0.936
2.22	0.570	0.638	0.695	0.743	0.785	0.821	0.852	0.880	0.905
2.23	0.544	0.611	0.667	0.715	0.756	0.791	0.822	0.850	0.874
2.24	0.519	0.585	0.640	0.687	0.728	0.763	0.793	0.821	0.845
2.25	0.495	0.559	0.614	0.660	0.700	0.735	0.766	0.792	0.816
2.26	0.471	0.535	0.589	0.634	0.674	0.708	0.738	0.765	0.789
2.27	0.449	0.511	0.564	0.609	0.648	0.682	0.712	0.738	0.762
2.28	0.427	0.488	0.540	0.585	0.623	0.657	0.686	0.712	0.735
2.29	0.406	0.466	0.518	0.561	0.599	0.632	0.661	0.687	0.710
2.30	0.386	0.445	0.495	0.538	0.576	0.608	0.637	0.662	0.685
2.31	0.367	0.425	0.474	0.516	0.553	0.585	0.613	0.638	0.661
2.32	0.348	0.405	0.453	0.495	0.531	0.563	0.590	0.615	0.637
2.33	0.330	0.386	0.433	0.474	0.510	0.541	0.568	0.593	0.614
2.34	0.313	0.367	0.414	0.454	0.489	0.520	0.547	0.571	0.592
2.35	0.296	0.349	0.395	0.435	0.469	0.499	0.526	0.550	0.571
2.36	0.280	0.332	0.377	0.416	0.450	0.480	0.506	0.529	0.550
2.37	0.265	0.316	0.360	0.398	0.431	0.460	0.486	0.509	0.530
2.38	0.250	0.300	0.343	0.381	0.413	0.442	0.467	0.490	0.510
2.39	0.236	0.285	0.327	0.364	0.396	0.424	0.449	0.471	0.491
2.40	0.223	0.270	0.312	0.348	0.379	0.407	0.431	0.453	0.473
2.41	0.210	0.256	0.297	0.332	0.363	0.390	0.414	0.436	0.455
2.42	0.198	0.243	0.282	0.317	0.347	0.374	0.397	0.419	0.437
2.43	0.186	0.230	0.268	0.302	0.332	0.358	0.381	0.402	0.421
2.44	0.175	0.218	0.255	0.288	0.317	0.343	0.366	0.386	0.404
2.45	0.165	0.206	0.242	0.275	0.303	0.328	0.351	0.371	0.389
2.46	0.154	0.195	0.230	0.262	0.289	0.314	0.336	0.356	0.373
2.47	0.145	0.184	0.218	0.249	0.276	0.300	0.322	0.341	0.359
2.48	0.136	0.173	0.207	0.237	0.264	0.287	0.308	0.327	0.345
2.49	0.127	0.163	0.196	0.226	0.252	0.275	0.295	0.314	0.331
2.50	0.118	0.154	0.186	0.214	0.240	0.262	0.283	0.301	0.317

0	12	13	14	15	16	17	18	19	20
2.51	0.111	0.145	0.176	0.204	0.229	0.251	0.271	0.288	0.303
2.52	0.103	0.136	0.166	0.193	0.218	0.239	0.259	0.276	0.292
2.53	0.096	0.128	0.157	0.184	0.207	0.228	0.247	0.265	0.280
2.54	0.089	0.120	0.149	0.174	0.197	0.218	0.236	0.253	0.268
2.55	0.083	0.113	0.140	0.165	0.188	0.208	0.226	0.242	0.257
2.56	0.077	0.106	0.132	0.156	0.178	0.198	0.216	0.232	0.246
2.57	0.071	0.099	0.125	0.148	0.169	0.189	0.206	0.222	0.236
2.58	0.066	0.093	0.117	0.140	0.161	0.180	0.197	0.212	0.226
2.59	0.061	0.087	0.111	0.133	0.153	0.171	0.187	0.202	0.216
2.60	0.056	0.081	0.104	0.125	0.145	0.163	0.179	0.193	0.207
2.61	0.052	0.075	0.098	0.118	0.137	0.155	0.170	0.185	0.198
2.62	0.048	0.070	0.092	0.112	0.130	0.147	0.162	0.176	0.189
2.63	0.044	0.065	0.086	0.105	0.123	0.140	0.155	0.168	0.181
2.64	0.040	0.061	0.081	0.099	0.117	0.133	0.147	0.160	0.173
2.65	0.037	0.056	0.076	0.094	0.110	0.126	0.140	0.153	0.165
2.66	0.034	0.052	0.071	0.088	0.104	0.119	0.133	0.146	0.157
2.67	0.031	0.048	0.066	0.083	0.099	0.113	0.127	0.139	0.150
2.68	0.028	0.045	0.062	0.078	0.093	0.107	0.120	0.132	0.143
2.69	0.025	0.041	0.058	0.073	0.088	0.102	0.114	0.126	0.136
2.70	0.023	0.038	0.054	0.069	0.083	0.096	0.108	0.120	0.130
2.71	0.021	0.035	0.050	0.064	0.078	0.091	0.103	0.114	0.124
2.72	0.019	0.032	0.047	0.060	0.074	0.086	0.098	0.108	0.118
2.73	0.017	0.030	0.043	0.057	0.069	0.081	0.092	0.103	0.112
2.74	0.015	0.027	0.040	0.053	0.065	0.077	0.088	0.098	0.107
2.75	0.014	0.025	0.037	0.049	0.061	0.073	0.083	0.093	0.102
2.76	0.012	0.023	0.034	0.046	0.058	0.068	0.079	0.088	0.097
2.77	0.011	0.021	0.032	0.043	0.054	0.065	0.074	0.083	0.092
2.78	0.010	0.019	0.029	0.040	0.051	0.061	0.070	0.079	0.087
2.79	0.008	0.017	0.027	0.037	0.048	0.057	0.066	0.075	0.083
2.80	0.007	0.016	0.025	0.035	0.045	0.054	0.063	0.071	0.079
2.81	0.007	0.014	0.023	0.032	0.042	0.051	0.059	0.067	0.075
2.82	0.006	0.013	0.021	0.030	0.039	0.048	0.056	0.064	0.071
2.83	0.005	0.012	0.019	0.028	0.036	0.045	0.053	0.060	0.067
2.84	0.004	0.010	0.018	0.026	0.034	0.042	0.050	0.057	0.064
2.85	0.004	0.009	0.016	0.024	0.032	0.039	0.047	0.054	0.060
2.86	0.003	0.008	0.015	0.022	0.030	0.037	0.044	0.051	0.057
2.87	0.003	0.007	0.014	0.020	0.028	0.035	0.041	0.048	0.054
2.88	0.002	0.007	0.012	0.019	0.026	0.032	0.039	0.045	0.051
2.89	0.002	0.006	0.011	0.017	0.024	0.030	0.037	0.043	0.048
2.90	0.002	0.005	0.010	0.016	0.022	0.028	0.034	0.040	0.046
2.91	0.001	0.005	0.009	0.015	0.020	0.026	0.032	0.038	0.043
2.92	0.001	0.004	0.008	0.013	0.019	0.025	0.030	0.036	0.041
2.93	0.001	0.004	0.008	0.012	0.018	0.023	0.028	0.033	0.038
2.94	0.001	0.003	0.007	0.011	0.016	0.021	0.026	0.031	0.036
2.95	0.001	0.003	0.006	0.010	0.015	0.020	0.025	0.029	0.034
2.96	0.001	0.003	0.005	0.009	0.014	0.018	0.023	0.028	0.032
2.97	0.000	0.002	0.005	0.009	0.013	0.017	0.022	0.026	0.030
2.98	0.000	0.002	0.004	0.008	0.012	0.016	0.020	0.024	0.028
2.99	0.000	0.002	0.004	0.007	0.011	0.015	0.019	0.023	0.027
3.00	0.000	0.001	0.003	0.006	0.010	0.014	0.018	0.021	0.025

0	20	21	22	23	24	25	26	27	28
0.01	49.607	49.607	49.606	49.606	49.606	49.606	49.605	49.605	49.605
0.02	49.214	49.214	49.213	49.212	49.212	49.211	49.211	49.211	49.210
0.03	48.821	48.820	48.820	48.819	48.818	48.817	48.817	48.816	48.816
0.04	48.429	48.427	48.426	48.425	48.424	48.423	48.422	48.422	48.421
0.05	48.036	48.035	48.033	48.032	48.031	48.029	48.028	48.027	48.026
0.06	47.644	47.642	47.640	47.638	47.637	47.636	47.634	47.633	47.632
0.07	47.252	47.249	47.247	47.245	47.244	47.242	47.241	47.239	47.238
0.08	46.860	46.857	46.855	46.852	46.851	46.849	46.847	46.846	46.844
0.09	46.468	46.465	46.462	46.460	46.458	46.456	46.454	46.452	46.451
0.10	46.077	46.073	46.070	46.068	46.065	46.063	46.061	46.059	46.057
0.11	45.686	45.682	45.679	45.676	45.673	45.671	45.669	45.667	45.665
0.12	45.295	45.291	45.288	45.284	45.282	45.279	45.276	45.274	45.272
0.13	44.905	44.901	44.897	44.893	44.890	44.887	44.885	44.882	44.880
0.14	44.515	44.511	44.507	44.503	44.499	44.496	44.494	44.491	44.489
0.15	44.126	44.121	44.117	44.113	44.109	44.106	44.103	44.100	44.098
0.16	43.737	43.732	43.727	43.723	43.719	43.716	43.713	43.710	43.707
0.17	43.349	43.344	43.339	43.334	43.330	43.326	43.323	43.320	43.317
0.18	42.962	42.956	42.950	42.946	42.941	42.938	42.934	42.931	42.928
0.19	42.575	42.568	42.563	42.558	42.553	42.549	42.546	42.542	42.539
0.20	42.188	42.182	42.176	42.171	42.166	42.162	42.158	42.154	42.151
0.21	41.803	41.796	41.790	41.784	41.780	41.775	41.771	41.767	41.764
0.22	41.418	41.411	41.404	41.399	41.394	41.389	41.385	41.381	41.377
0.23	41.034	41.026	41.020	41.014	41.009	41.004	40.999	40.995	40.992
0.24	40.650	40.643	40.636	40.630	40.624	40.619	40.615	40.611	40.607
0.25	40.268	40.260	40.253	40.246	40.241	40.236	40.231	40.227	40.223
0.26	39.886	39.878	39.871	39.864	39.858	39.853	39.848	39.844	39.839
0.27	39.505	39.497	39.489	39.483	39.477	39.471	39.466	39.461	39.457
0.28	39.125	39.117	39.109	39.102	39.096	39.090	39.085	39.080	39.076
0.29	38.746	38.737	38.729	38.722	38.716	38.710	38.705	38.700	38.696
0.30	38.368	38.359	38.351	38.344	38.337	38.331	38.326	38.321	38.316
0.31	37.991	37.982	37.974	37.966	37.959	37.953	37.948	37.943	37.938
0.32	37.615	37.606	37.597	37.590	37.583	37.577	37.571	37.566	37.561
0.33	37.240	37.231	37.222	37.214	37.207	37.201	37.195	37.190	37.185
0.34	36.867	36.857	36.848	36.840	36.833	36.826	36.820	36.815	36.810
0.35	36.494	36.484	36.475	36.467	36.460	36.453	36.447	36.441	36.436
0.36	36.122	36.112	36.103	36.095	36.087	36.081	36.074	36.069	36.064
0.37	35.752	35.742	35.732	35.724	35.717	35.710	35.703	35.698	35.692
0.38	35.383	35.373	35.363	35.355	35.347	35.340	35.334	35.328	35.322
0.39	35.015	35.005	34.995	34.986	34.978	34.971	34.965	34.959	34.954
0.40	34.649	34.638	34.628	34.619	34.611	34.604	34.598	34.592	34.586
0.41	34.284	34.273	34.263	34.254	34.246	34.239	34.232	34.226	34.220
0.42	33.920	33.908	33.899	33.890	33.881	33.874	33.867	33.861	33.856
0.43	33.557	33.546	33.536	33.527	33.519	33.511	33.504	33.498	33.492
0.44	33.196	33.185	33.174	33.165	33.157	33.150	33.143	33.136	33.131
0.45	32.836	32.825	32.815	32.805	32.797	32.789	32.782	32.776	32.770
0.46	32.478	32.466	32.456	32.447	32.438	32.431	32.424	32.417	32.412
0.47	32.121	32.110	32.099	32.090	32.081	32.074	32.067	32.060	32.054
0.48	31.766	31.754	31.744	31.734	31.726	31.718	31.711	31.705	31.699
0.49	31.412	31.400	31.390	31.380	31.372	31.364	31.357	31.351	31.345
0.50	31.060	31.048	31.038	31.028	31.019	31.012	31.005	30.998	30.992

0	20	21	22	23	24	25	26	27	28
0.51	30.709	30.697	30.687	30.677	30.669	30.661	30.654	30.647	30.641
0.52	30.360	30.348	30.338	30.328	30.320	30.312	30.305	30.298	30.292
0.53	30.013	30.001	29.990	29.981	29.972	29.964	29.957	29.951	29.945
0.54	29.667	29.655	29.645	29.636	29.628	29.620	29.613	29.607	29.599
0.55	29.323	29.311	29.300	29.291	29.282	29.274	29.267	29.261	29.255
0.56	28.981	28.969	28.958	28.949	28.940	28.932	28.925	28.918	28.912
0.57	28.640	28.628	28.618	28.608	28.599	28.591	28.584	28.578	28.572
0.58	28.301	28.289	28.279	28.269	28.261	28.253	28.246	28.239	28.233
0.59	27.964	27.952	27.942	27.932	27.924	27.916	27.909	27.902	27.896
0.60	27.629	27.617	27.606	27.597	27.588	27.581	27.574	27.567	27.561
0.61	27.295	27.284	27.273	27.264	27.255	27.247	27.240	27.234	27.228
0.62	26.964	26.952	26.943	26.933	26.924	26.916	26.909	26.903	26.897
0.63	26.634	26.622	26.612	26.603	26.594	26.587	26.580	26.573	26.567
0.64	26.304	26.293	26.283	26.275	26.266	26.259	26.252	26.246	26.240
0.65	25.980	25.968	25.958	25.949	25.941	25.933	25.926	25.920	25.915
0.66	25.658	25.648	25.638	25.629	25.621	25.613	25.607	25.601	25.595
0.67	25.338	25.327	25.317	25.309	25.301	25.293	25.288	25.281	25.275
0.68	25.013	25.002	24.992	24.984	24.976	24.968	24.962	24.956	24.950
0.69	24.695	24.684	24.674	24.666	24.658	24.651	24.644	24.638	24.632
0.70	24.379	24.368	24.358	24.350	24.342	24.335	24.329	24.323	24.317
0.71	24.065	24.054	24.044	24.036	24.028	24.021	24.015	24.009	24.004
0.72	23.752	23.742	23.733	23.724	23.717	23.710	23.704	23.698	23.693
0.73	23.442	23.432	23.423	23.415	23.407	23.400	23.394	23.389	23.384
0.74	23.134	23.124	23.115	23.107	23.100	23.093	23.087	23.082	23.077
0.75	22.828	22.818	22.809	22.801	22.794	22.787	22.782	22.777	22.772
0.76	22.524	22.514	22.506	22.498	22.491	22.485	22.479	22.474	22.469
0.77	22.222	22.212	22.204	22.197	22.190	22.184	22.178	22.173	22.168
0.78	21.923	21.913	21.905	21.898	21.891	21.885	21.880	21.875	21.870
0.79	21.625	21.616	21.608	21.601	21.594	21.588	21.583	21.578	21.574
0.80	21.330	21.321	21.313	21.306	21.300	21.294	21.289	21.284	21.280
0.81	21.038	21.028	21.020	21.013	21.007	21.002	20.997	20.992	20.988
0.82	20.745	20.737	20.730	20.723	20.717	20.712	20.707	20.702	20.698
0.83	20.456	20.448	20.441	20.435	20.429	20.424	20.419	20.415	20.411
0.84	20.170	20.162	20.155	20.149	20.143	20.138	20.134	20.130	20.126
0.85	19.885	19.878	19.871	19.865	19.860	19.855	19.851	19.847	19.843
0.86	19.603	19.596	19.589	19.584	19.579	19.574	19.570	19.566	19.563
0.87	19.323	19.316	19.310	19.305	19.300	19.295	19.291	19.288	19.284
0.88	19.045	19.039	19.033	19.028	19.023	19.019	19.015	19.012	19.008
0.89	18.770	18.763	18.758	18.753	18.748	18.745	18.741	18.738	18.735
0.90	18.496	18.491	18.485	18.481	18.476	18.473	18.469	18.466	18.463
0.91	18.224	18.220	18.215	18.211	18.207	18.203	18.200	18.197	18.194
0.92	17.957	17.952	17.947	17.943	17.939	17.936	17.933	17.930	17.927
0.93	17.690	17.685	17.681	17.677	17.674	17.671	17.668	17.665	17.663
0.94	17.426	17.422	17.418	17.414	17.411	17.408	17.405	17.403	17.401
0.95	17.164	17.160	17.156	17.153	17.150	17.148	17.145	17.143	17.141
0.96	16.905	16.901	16.898	16.895	16.892	16.890	16.887	16.886	16.884
0.97	16.648	16.644	16.641	16.638	16.636	16.634	16.632	16.630	16.629
0.98	16.393	16.390	16.387	16.385	16.383	16.381	16.379	16.377	16.376
0.99	16.140	16.138	16.135	16.133	16.131	16.130	16.128	16.127	16.126
1.00	15.890	15.888	15.886	15.884	15.882	15.881	15.880	15.879	15.878

0	20	21	22	23	24	25	26	27	28
1.01	15.642	15.640	15.639	15.637	15.636	15.635	15.634	15.633	15.632
1.02	15.397	15.395	15.394	15.393	15.392	15.391	15.390	15.389	15.388
1.03	15.154	15.152	15.151	15.151	15.150	15.149	15.149	15.148	15.148
1.04	14.913	14.912	14.911	14.911	14.910	14.910	14.910	14.910	14.910
1.05	14.674	14.674	14.674	14.674	14.673	14.673	14.673	14.673	14.673
1.06	14.438	14.438	14.438	14.438	14.438	14.439	14.439	14.439	14.440
1.07	14.204	14.205	14.205	14.206	14.206	14.207	14.207	14.208	14.208
1.08	13.973	13.974	13.975	13.976	13.976	13.977	13.978	13.979	13.979
1.09	13.744	13.745	13.746	13.748	13.749	13.750	13.751	13.752	13.753
1.10	13.517	13.519	13.521	13.522	13.524	13.525	13.526	13.527	13.529
1.11	13.293	13.295	13.297	13.299	13.301	13.302	13.304	13.305	13.307
1.12	13.071	13.073	13.076	13.078	13.080	13.082	13.084	13.086	13.087
1.13	12.851	12.854	12.857	12.860	12.862	12.864	12.866	12.868	12.870
1.14	12.634	12.637	12.641	12.644	12.646	12.649	12.651	12.653	12.655
1.15	12.419	12.423	12.426	12.430	12.433	12.436	12.438	12.441	12.443
1.16	12.206	12.211	12.215	12.218	12.222	12.225	12.228	12.230	12.233
1.17	11.996	12.001	12.005	12.009	12.013	12.016	12.019	12.022	12.025
1.18	11.788	11.794	11.798	11.803	11.807	11.810	11.814	11.817	11.820
1.19	11.583	11.588	11.594	11.598	11.603	11.607	11.610	11.614	11.617
1.20	11.380	11.386	11.391	11.396	11.401	11.405	11.409	11.413	11.416
1.21	11.179	11.185	11.191	11.197	11.202	11.206	11.210	11.214	11.218
1.22	10.980	10.987	10.994	10.999	11.005	11.009	11.014	11.018	11.022
1.23	10.784	10.791	10.798	10.804	10.810	10.815	10.820	10.824	10.828
1.24	10.590	10.598	10.605	10.612	10.618	10.623	10.628	10.632	10.637
1.25	10.399	10.407	10.414	10.421	10.427	10.433	10.438	10.443	10.448
1.26	10.209	10.218	10.225	10.233	10.240	10.246	10.251	10.256	10.261
1.27	10.022	10.032	10.040	10.047	10.054	10.061	10.066	10.072	10.077
1.28	9.838	9.847	9.856	9.864	9.871	9.878	9.884	9.889	9.894
1.29	9.655	9.665	9.674	9.683	9.690	9.697	9.703	9.709	9.714
1.30	9.475	9.486	9.495	9.504	9.512	9.519	9.525	9.531	9.537
1.31	9.297	9.308	9.318	9.327	9.335	9.343	9.349	9.356	9.362
1.32	9.122	9.133	9.143	9.153	9.161	9.169	9.176	9.182	9.188
1.33	8.949	8.960	8.971	8.981	8.989	8.997	9.005	9.011	9.018
1.34	8.778	8.790	8.801	8.811	8.820	8.828	8.836	8.843	8.849
1.35	8.609	8.621	8.633	8.643	8.652	8.661	8.669	8.676	8.683
1.36	8.442	8.455	8.467	8.478	8.487	8.496	8.504	8.512	8.518
1.37	8.278	8.291	8.303	8.314	8.324	8.333	8.342	8.349	8.356
1.38	8.116	8.130	8.142	8.153	8.164	8.173	8.182	8.189	8.197
1.39	7.956	7.970	7.983	7.995	8.005	8.015	8.023	8.032	8.039
1.40	7.798	7.813	7.826	7.838	7.849	7.859	7.868	7.876	7.884
1.41	7.643	7.658	7.671	7.683	7.694	7.705	7.714	7.722	7.730
1.42	7.489	7.505	7.518	7.531	7.542	7.553	7.562	7.571	7.579
1.43	7.338	7.354	7.368	7.381	7.393	7.403	7.413	7.422	7.430
1.44	7.189	7.205	7.220	7.233	7.245	7.256	7.266	7.275	7.283
1.45	7.042	7.058	7.073	7.087	7.099	7.110	7.120	7.130	7.138
1.46	6.897	6.914	6.929	6.943	6.956	6.967	6.977	6.987	6.996
1.47	6.754	6.772	6.787	6.801	6.814	6.826	6.836	6.846	6.855
1.48	6.614	6.631	6.647	6.662	6.675	6.687	6.697	6.707	6.717
1.49	6.475	6.493	6.509	6.524	6.537	6.549	6.560	6.571	6.580
1.50	6.339	6.357	6.374	6.389	6.402	6.414	6.426	6.436	6.446

0	20	21	22	23	24	25	26	27	28
1.51	6.204	6.223	6.240	6.255	6.269	6.281	6.293	6.303	6.312
1.52	6.072	6.091	6.108	6.124	6.138	6.150	6.162	6.173	6.183
1.53	5.942	5.961	5.978	5.994	6.009	6.021	6.033	6.044	6.054
1.54	5.813	5.833	5.851	5.867	5.881	5.894	5.906	5.917	5.928
1.55	5.687	5.707	5.725	5.741	5.756	5.769	5.782	5.793	5.803
1.56	5.563	5.583	5.601	5.618	5.633	5.646	5.659	5.670	5.681
1.57	5.440	5.461	5.479	5.496	5.511	5.525	5.538	5.549	5.560
1.58	5.320	5.341	5.360	5.377	5.392	5.406	5.419	5.430	5.441
1.59	5.201	5.223	5.242	5.259	5.274	5.289	5.301	5.313	5.324
1.60	5.085	5.106	5.126	5.143	5.159	5.173	5.186	5.198	5.209
1.61	4.970	4.992	5.012	5.029	5.045	5.060	5.073	5.085	5.096
1.62	4.858	4.880	4.899	4.917	4.933	4.948	4.961	4.974	4.985
1.63	4.747	4.769	4.789	4.807	4.823	4.838	4.852	4.864	4.875
1.64	4.638	4.660	4.680	4.699	4.715	4.730	4.744	4.756	4.768
1.65	4.531	4.553	4.574	4.592	4.609	4.624	4.638	4.650	4.662
1.66	4.425	4.448	4.469	4.487	4.504	4.519	4.533	4.546	4.558
1.67	4.322	4.345	4.366	4.384	4.401	4.417	4.431	4.444	4.456
1.68	4.220	4.243	4.264	4.283	4.300	4.316	4.330	4.343	4.355
1.69	4.120	4.144	4.165	4.184	4.201	4.217	4.231	4.244	4.257
1.70	4.022	4.046	4.067	4.086	4.104	4.120	4.134	4.147	4.159
1.71	3.926	3.950	3.971	3.990	4.009	4.024	4.038	4.052	4.064
1.72	3.831	3.855	3.877	3.896	3.914	3.930	3.945	3.958	3.970
1.73	3.738	3.762	3.784	3.804	3.821	3.838	3.852	3.866	3.878
1.74	3.647	3.671	3.693	3.713	3.731	3.747	3.762	3.775	3.788
1.75	3.557	3.582	3.604	3.624	3.642	3.658	3.673	3.687	3.699
1.76	3.469	3.494	3.516	3.536	3.554	3.571	3.586	3.599	3.612
1.77	3.383	3.408	3.430	3.450	3.468	3.485	3.500	3.514	3.526
1.78	3.298	3.323	3.345	3.366	3.384	3.401	3.416	3.430	3.442
1.79	3.215	3.240	3.263	3.283	3.301	3.318	3.333	3.347	3.360
1.80	3.133	3.159	3.181	3.202	3.220	3.237	3.252	3.266	3.279
1.81	3.054	3.079	3.102	3.122	3.140	3.157	3.173	3.187	3.200
1.82	2.975	3.001	3.023	3.044	3.062	3.079	3.095	3.109	3.122
1.83	2.898	2.924	2.947	2.967	2.986	3.003	3.018	3.032	3.045
1.84	2.823	2.849	2.871	2.892	2.911	2.928	2.943	2.957	2.971
1.85	2.749	2.775	2.798	2.818	2.837	2.854	2.870	2.884	2.897
1.86	2.677	2.702	2.725	2.746	2.765	2.782	2.798	2.812	2.825
1.87	2.606	2.632	2.655	2.675	2.694	2.711	2.727	2.741	2.754
1.88	2.537	2.562	2.585	2.606	2.625	2.642	2.658	2.672	2.685
1.89	2.468	2.494	2.517	2.538	2.557	2.574	2.590	2.604	2.617
1.90	2.402	2.428	2.451	2.472	2.490	2.507	2.523	2.537	2.551
1.91	2.337	2.362	2.386	2.406	2.425	2.442	2.458	2.472	2.486
1.92	2.273	2.299	2.322	2.342	2.361	2.378	2.394	2.408	2.422
1.93	2.210	2.236	2.259	2.280	2.299	2.316	2.332	2.346	2.359
1.94	2.149	2.175	2.198	2.219	2.237	2.255	2.270	2.285	2.298
1.95	2.089	2.115	2.138	2.159	2.178	2.195	2.210	2.225	2.238
1.96	2.031	2.056	2.079	2.100	2.119	2.136	2.152	2.166	2.179
1.97	1.973	1.999	2.022	2.043	2.061	2.078	2.094	2.108	2.122
1.98	1.917	1.943	1.966	1.987	2.005	2.022	2.038	2.052	2.065
1.99	1.863	1.888	1.911	1.932	1.950	1.967	1.982	1.997	2.010
2.00	1.809	1.834	1.857	1.878	1.896	1.913	1.929	1.943	1.956

C	20	21	22	23	24	25	26	27	28
2.01	1.757	1.782	1.805	1.825	1.844	1.861	1.876	1.890	1.903
2.02	1.706	1.731	1.753	1.774	1.792	1.809	1.825	1.839	1.852
2.03	1.656	1.681	1.703	1.724	1.742	1.759	1.774	1.788	1.801
2.04	1.607	1.632	1.654	1.675	1.693	1.710	1.725	1.739	1.752
2.05	1.559	1.584	1.606	1.627	1.645	1.661	1.677	1.691	1.704
2.06	1.512	1.537	1.560	1.580	1.598	1.614	1.630	1.644	1.656
2.07	1.467	1.492	1.514	1.534	1.552	1.568	1.584	1.597	1.610
2.08	1.423	1.447	1.469	1.489	1.507	1.524	1.539	1.552	1.565
2.09	1.379	1.404	1.426	1.445	1.463	1.480	1.495	1.508	1.521
2.10	1.337	1.361	1.383	1.403	1.421	1.437	1.452	1.465	1.478
2.11	1.296	1.320	1.341	1.361	1.379	1.395	1.410	1.423	1.436
2.12	1.255	1.279	1.301	1.320	1.338	1.354	1.369	1.382	1.395
2.13	1.216	1.240	1.261	1.281	1.298	1.314	1.329	1.342	1.355
2.14	1.178	1.201	1.223	1.242	1.259	1.275	1.290	1.303	1.315
2.15	1.140	1.164	1.185	1.204	1.221	1.237	1.252	1.265	1.277
2.16	1.104	1.127	1.148	1.167	1.184	1.200	1.214	1.228	1.240
2.17	1.069	1.092	1.113	1.131	1.148	1.164	1.178	1.191	1.203
2.18	1.034	1.057	1.078	1.096	1.113	1.128	1.143	1.156	1.168
2.19	1.000	1.023	1.044	1.062	1.079	1.094	1.108	1.121	1.133
2.20	0.968	0.990	1.010	1.029	1.045	1.061	1.074	1.087	1.099
2.21	0.936	0.958	0.978	0.996	1.013	1.028	1.042	1.054	1.066
2.22	0.905	0.927	0.947	0.965	0.981	0.996	1.010	1.022	1.034
2.23	0.874	0.896	0.916	0.934	0.950	0.965	0.978	0.991	1.002
2.24	0.845	0.867	0.886	0.904	0.920	0.935	0.948	0.960	0.972
2.25	0.816	0.838	0.857	0.875	0.891	0.905	0.918	0.931	0.942
2.26	0.789	0.810	0.829	0.846	0.862	0.876	0.889	0.902	0.913
2.27	0.762	0.783	0.801	0.818	0.834	0.848	0.861	0.873	0.884
2.28	0.735	0.756	0.775	0.792	0.807	0.821	0.834	0.846	0.857
2.29	0.710	0.730	0.749	0.765	0.781	0.794	0.807	0.819	0.830
2.30	0.685	0.705	0.723	0.740	0.755	0.769	0.781	0.793	0.804
2.31	0.661	0.681	0.699	0.715	0.730	0.743	0.756	0.767	0.778
2.32	0.637	0.657	0.675	0.691	0.706	0.719	0.731	0.743	0.753
2.33	0.614	0.634	0.651	0.667	0.682	0.695	0.707	0.719	0.729
2.34	0.592	0.611	0.629	0.645	0.659	0.672	0.684	0.695	0.705
2.35	0.571	0.590	0.607	0.622	0.637	0.650	0.661	0.672	0.683
2.36	0.550	0.569	0.586	0.601	0.615	0.628	0.639	0.650	0.660
2.37	0.530	0.548	0.565	0.580	0.594	0.606	0.618	0.629	0.639
2.38	0.510	0.528	0.545	0.560	0.573	0.586	0.597	0.608	0.618
2.39	0.491	0.509	0.525	0.540	0.553	0.566	0.577	0.587	0.597
2.40	0.473	0.490	0.506	0.521	0.534	0.546	0.557	0.568	0.577
2.41	0.455	0.472	0.488	0.502	0.515	0.527	0.538	0.548	0.558
2.42	0.437	0.455	0.470	0.484	0.497	0.509	0.520	0.530	0.539
2.43	0.421	0.438	0.453	0.467	0.479	0.491	0.502	0.511	0.521
2.44	0.404	0.421	0.436	0.450	0.462	0.474	0.484	0.494	0.503
2.45	0.389	0.405	0.420	0.433	0.445	0.457	0.467	0.477	0.486
2.46	0.373	0.389	0.404	0.417	0.429	0.440	0.451	0.460	0.469
2.47	0.359	0.374	0.389	0.402	0.414	0.425	0.435	0.444	0.453
2.48	0.345	0.360	0.374	0.387	0.398	0.409	0.419	0.428	0.437
2.49	0.331	0.346	0.360	0.372	0.384	0.394	0.404	0.413	0.421
2.50	0.317	0.332	0.346	0.358	0.369	0.380	0.389	0.398	0.407

C	29	30	31	32	33	34	35	36	37
0.01	49.605	49.605	49.605	49.605	49.604	49.604	49.604	49.604	49.604
0.02	49.210	49.210	49.209	49.209	49.209	49.209	49.208	49.208	49.208
0.03	48.815	48.815	48.814	48.814	48.814	48.813	48.813	48.813	48.812
0.04	48.420	48.420	48.419	48.419	48.418	48.418	48.417	48.417	48.417
0.05	48.026	48.025	48.024	48.024	48.023	48.022	48.022	48.021	48.021
0.06	47.631	47.630	47.630	47.629	47.628	47.627	47.627	47.626	47.626
0.07	47.237	47.236	47.235	47.234	47.233	47.233	47.232	47.231	47.230
0.08	46.843	46.842	46.841	46.840	46.839	46.838	46.837	46.836	46.836
0.09	46.449	46.448	46.447	46.446	46.445	46.444	46.443	46.442	46.441
0.10	46.056	46.054	46.053	46.052	46.051	46.050	46.049	46.048	46.047
0.11	45.663	45.661	45.660	45.658	45.657	45.656	45.655	45.654	45.653
0.12	45.270	45.269	45.267	45.265	45.264	45.263	45.262	45.260	45.259
0.13	44.878	44.876	44.875	44.873	44.871	44.870	44.869	44.867	44.866
0.14	44.486	44.484	44.483	44.481	44.479	44.478	44.476	44.475	44.474
0.15	44.095	44.093	44.091	44.089	44.088	44.086	44.084	44.083	44.082
0.16	43.705	43.702	43.700	43.698	43.696	43.695	43.693	43.692	43.690
0.17	43.315	43.312	43.310	43.308	43.306	43.304	43.302	43.301	43.299
0.18	42.925	42.923	42.920	42.918	42.916	42.914	42.912	42.911	42.909
0.19	42.536	42.534	42.531	42.529	42.527	42.525	42.523	42.521	42.519
0.20	42.148	42.145	42.143	42.140	42.138	42.136	42.134	42.132	42.130
0.21	41.761	41.758	41.755	41.753	41.750	41.748	41.746	41.744	41.742
0.22	41.374	41.371	41.368	41.366	41.363	41.361	41.359	41.357	41.355
0.23	40.988	40.985	40.982	40.979	40.977	40.975	40.972	40.970	40.968
0.24	40.603	40.600	40.597	40.594	40.591	40.589	40.587	40.585	40.582
0.25	40.219	40.216	40.212	40.210	40.207	40.205	40.202	40.200	40.198
0.26	39.836	39.832	39.829	39.826	39.823	39.821	39.818	39.816	39.814
0.27	39.453	39.450	39.446	39.443	39.440	39.438	39.435	39.433	39.431
0.28	39.072	39.068	39.065	39.062	39.059	39.056	39.053	39.051	39.048
0.29	38.691	38.688	38.684	38.681	38.678	38.675	38.672	38.670	38.667
0.30	38.312	38.308	38.305	38.301	38.298	38.295	38.292	38.290	38.287
0.31	37.934	37.930	37.926	37.923	37.919	37.916	37.914	37.911	37.908
0.32	37.556	37.552	37.549	37.545	37.542	37.539	37.536	37.533	37.531
0.33	37.180	37.176	37.172	37.169	37.165	37.162	37.159	37.156	37.154
0.34	36.805	36.801	36.797	36.793	36.790	36.787	36.784	36.781	36.778
0.35	36.431	36.427	36.423	36.419	36.416	36.413	36.410	36.407	36.404
0.36	36.059	36.054	36.050	36.047	36.043	36.040	36.037	36.034	36.031
0.37	35.688	35.683	35.679	35.675	35.671	35.668	35.665	35.662	35.659
0.38	35.317	35.313	35.309	35.305	35.301	35.298	35.294	35.291	35.289
0.39	34.949	34.944	34.940	34.936	34.932	34.928	34.925	34.922	34.919
0.40	34.581	34.577	34.572	34.568	34.564	34.561	34.558	34.554	34.552
0.41	34.215	34.210	34.206	34.202	34.198	34.195	34.191	34.188	34.185
0.42	33.850	33.846	33.841	33.837	33.833	33.830	33.826	33.823	33.820
0.43	33.487	33.482	33.478	33.474	33.470	33.466	33.463	33.460	33.457
0.44	33.125	33.120	33.116	33.112	33.108	33.104	33.101	33.097	33.094
0.45	32.765	32.760	32.756	32.751	32.747	32.744	32.740	32.737	32.734
0.46	32.406	32.401	32.397	32.392	32.388	32.385	32.381	32.378	32.375
0.47	32.049	32.044	32.039	32.035	32.031	32.027	32.024	32.020	32.017
0.48	31.693	31.688	31.684	31.679	31.675	31.671	31.668	31.665	31.661
0.49	31.339	31.334	31.329	31.325	31.321	31.317	31.314	31.310	31.307
0.50	30.987	30.981	30.977	30.972	30.968	30.965	30.961	30.958	30.954

Q	20	21	22	23	24	25	26	27	28
2.51	0.305	0.319	0.332	0.345	0.356	0.366	0.375	0.384	0.392
2.52	0.292	0.306	0.319	0.331	0.342	0.352	0.362	0.370	0.378
2.53	0.280	0.294	0.307	0.319	0.329	0.339	0.348	0.357	0.365
2.54	0.268	0.282	0.295	0.306	0.317	0.326	0.335	0.344	0.351
2.55	0.257	0.271	0.283	0.294	0.305	0.314	0.323	0.331	0.339
2.56	0.246	0.260	0.272	0.283	0.293	0.302	0.311	0.319	0.326
2.57	0.236	0.249	0.261	0.272	0.281	0.291	0.299	0.307	0.314
2.58	0.226	0.238	0.250	0.261	0.270	0.279	0.288	0.296	0.302
2.59	0.216	0.228	0.240	0.250	0.260	0.269	0.277	0.284	0.291
2.60	0.207	0.219	0.230	0.240	0.250	0.258	0.266	0.274	0.281
2.61	0.198	0.210	0.220	0.230	0.240	0.248	0.256	0.263	0.270
2.62	0.189	0.201	0.211	0.221	0.230	0.238	0.246	0.253	0.260
2.63	0.181	0.192	0.202	0.212	0.221	0.229	0.236	0.243	0.250
2.64	0.172	0.184	0.194	0.203	0.212	0.220	0.227	0.234	0.240
2.65	0.165	0.176	0.185	0.195	0.203	0.211	0.218	0.225	0.231
2.66	0.157	0.168	0.178	0.186	0.195	0.203	0.209	0.216	0.222
2.67	0.150	0.160	0.170	0.179	0.187	0.194	0.201	0.208	0.214
2.68	0.143	0.153	0.162	0.171	0.179	0.186	0.193	0.199	0.205
2.69	0.136	0.146	0.155	0.164	0.171	0.179	0.185	0.191	0.197
2.70	0.130	0.140	0.148	0.157	0.164	0.171	0.178	0.183	0.189
2.71	0.124	0.133	0.142	0.150	0.157	0.164	0.170	0.176	0.182
2.72	0.118	0.127	0.136	0.143	0.150	0.157	0.163	0.169	0.175
2.73	0.112	0.121	0.129	0.137	0.144	0.151	0.157	0.162	0.168
2.74	0.107	0.116	0.124	0.131	0.138	0.144	0.150	0.156	0.161
2.75	0.102	0.110	0.118	0.125	0.132	0.138	0.144	0.149	0.154
2.76	0.097	0.105	0.112	0.119	0.126	0.132	0.138	0.143	0.148
2.77	0.092	0.100	0.107	0.114	0.120	0.126	0.132	0.137	0.142
2.78	0.087	0.095	0.102	0.109	0.115	0.121	0.126	0.131	0.136
2.79	0.083	0.090	0.097	0.104	0.110	0.115	0.121	0.126	0.130
2.80	0.079	0.086	0.093	0.099	0.105	0.110	0.116	0.120	0.125
2.81	0.075	0.082	0.088	0.094	0.100	0.105	0.110	0.115	0.120
2.82	0.071	0.078	0.084	0.090	0.096	0.101	0.106	0.110	0.114
2.83	0.067	0.074	0.080	0.086	0.091	0.096	0.101	0.105	0.110
2.84	0.064	0.070	0.076	0.082	0.087	0.092	0.096	0.101	0.105
2.85	0.060	0.067	0.072	0.078	0.083	0.088	0.092	0.096	0.100
2.86	0.057	0.063	0.069	0.074	0.079	0.084	0.088	0.092	0.096
2.87	0.054	0.060	0.065	0.070	0.075	0.080	0.084	0.088	0.092
2.88	0.051	0.057	0.062	0.067	0.072	0.076	0.080	0.084	0.088
2.89	0.048	0.054	0.059	0.064	0.068	0.073	0.077	0.080	0.084
2.90	0.046	0.051	0.056	0.061	0.065	0.069	0.073	0.077	0.080
2.91	0.043	0.048	0.053	0.058	0.062	0.066	0.070	0.073	0.077
2.92	0.041	0.046	0.050	0.055	0.059	0.063	0.066	0.070	0.073
2.93	0.038	0.043	0.048	0.052	0.056	0.060	0.063	0.067	0.070
2.94	0.036	0.041	0.045	0.049	0.053	0.057	0.060	0.064	0.067
2.95	0.034	0.038	0.043	0.047	0.050	0.054	0.057	0.061	0.064
2.96	0.032	0.036	0.040	0.044	0.048	0.051	0.055	0.058	0.061
2.97	0.030	0.034	0.038	0.042	0.045	0.049	0.052	0.055	0.058
2.98	0.028	0.032	0.036	0.040	0.043	0.046	0.049	0.052	0.055
2.99	0.027	0.031	0.034	0.038	0.041	0.044	0.047	0.050	0.053
3.00	0.025	0.029	0.032	0.036	0.039	0.042	0.045	0.047	0.050

Q	29	30	31	32	33	34	35	36	37
0.51	30.636	30.631	30.626	30.621	30.617	30.614	30.610	30.607	30.603
0.52	30.286	30.281	30.277	30.272	30.268	30.264	30.261	30.257	30.254
0.53	29.939	29.934	29.929	29.925	29.921	29.917	29.913	29.910	29.907
0.54	29.592	29.588	29.583	29.579	29.575	29.571	29.567	29.564	29.561
0.55	29.249	29.244	29.239	29.235	29.231	29.227	29.223	29.220	29.217
0.56	28.907	28.902	28.897	28.893	28.888	28.885	28.881	28.878	28.875
0.57	28.566	28.561	28.556	28.552	28.548	28.544	28.541	28.537	28.534
0.58	28.228	28.223	28.218	28.213	28.209	28.206	28.202	28.199	28.196
0.59	27.891	27.886	27.881	27.877	27.873	27.869	27.865	27.862	27.859
0.60	27.556	27.551	27.546	27.542	27.538	27.534	27.530	27.527	27.524
0.61	27.223	27.218	27.213	27.209	27.205	27.201	27.197	27.194	27.191
0.62	26.891	26.886	26.882	26.878	26.874	26.870	26.866	26.863	26.860
0.63	26.562	26.557	26.553	26.548	26.544	26.541	26.537	26.534	26.531
0.64	26.235	26.230	26.225	26.221	26.217	26.213	26.210	26.207	26.204
0.65	25.909	25.904	25.900	25.896	25.892	25.888	25.885	25.882	25.879
0.66	25.586	25.581	25.577	25.573	25.569	25.565	25.562	25.559	25.556
0.67	25.264	25.260	25.255	25.251	25.247	25.244	25.241	25.237	25.235
0.68	24.945	24.940	24.936	24.932	24.928	24.925	24.921	24.918	24.916
0.69	24.628	24.623	24.619	24.615	24.611	24.608	24.604	24.601	24.599
0.70	24.312	24.308	24.304	24.300	24.296	24.293	24.289	24.287	24.284
0.71	23.999	23.995	23.991	23.987	23.983	23.980	23.977	23.974	23.971
0.72	23.688	23.684	23.679	23.676	23.672	23.669	23.666	23.663	23.660
0.73	23.379	23.375	23.371	23.367	23.363	23.360	23.357	23.354	23.352
0.74	23.072	23.068	23.064	23.060	23.057	23.054	23.051	23.048	23.045
0.75	22.767	22.763	22.759	22.756	22.752	22.749	22.746	22.744	22.741
0.76	22.465	22.461	22.457	22.453	22.450	22.447	22.444	22.442	22.439
0.77	22.164	22.160	22.156	22.153	22.150	22.147	22.144	22.142	22.139
0.78	21.866	21.862	21.858	21.855	21.852	21.849	21.846	21.844	21.842
0.79	21.570	21.566	21.562	21.559	21.556	21.554	21.551	21.548	21.546
0.80	21.276	21.272	21.269	21.266	21.263	21.260	21.258	21.255	21.253
0.81	20.984	20.981	20.977	20.974	20.972	20.969	20.966	20.964	20.962
0.82	20.695	20.691	20.688	20.685	20.683	20.680	20.678	20.675	20.673
0.83	20.408	20.404	20.401	20.398	20.396	20.393	20.391	20.389	20.387
0.84	20.123	20.119	20.116	20.114	20.111	20.109	20.107	20.105	20.103
0.85	19.840	19.837	19.834	19.831	19.829	19.827	19.825	19.823	19.821
0.86	19.559	19.557	19.554	19.551	19.549	19.547	19.545	19.543	19.541
0.87	19.281	19.279	19.276	19.274	19.271	19.269	19.267	19.266	19.264
0.88	19.005	19.003	19.000	18.998	18.996	18.994	18.992	18.991	18.989
0.89	18.732	18.729	18.727	18.725	18.723	18.721	18.720	18.718	18.716
0.90	18.461	18.458	18.456	18.454	18.452	18.451	18.449	18.448	18.446
0.91	18.192	18.190	18.188	18.186	18.184	18.182	18.181	18.179	18.178
0.92	17.925	17.923	17.921	17.920	17.918	17.916	17.915	17.914	17.913
0.93	17.661	17.659	17.657	17.656	17.654	17.653	17.652	17.650	17.649
0.94	17.399	17.397	17.396	17.394	17.393	17.392	17.390	17.389	17.388
0.95	17.139	17.138	17.136	17.135	17.134	17.133	17.132	17.131	17.130
0.96	16.882	16.881	16.880	16.878	16.877	16.876	16.875	16.874	16.874
0.97	16.627	16.626	16.625	16.624	16.623	16.622	16.621	16.620	16.620
0.98	16.375	16.374	16.373	16.372	16.371	16.370	16.370	16.369	16.368
0.99	16.125	16.124	16.123	16.122	16.121	16.121	16.120	16.120	16.119
1.00	15.877	15.876	15.875	15.875	15.874	15.874	15.873	15.873	15.872

0	29	30	31	32	33	34	35	36	37
1.01	15.632	15.631	15.630	15.630	15.629	15.629	15.629	15.628	15.628
1.02	15.388	15.388	15.388	15.387	15.387	15.387	15.387	15.386	15.386
1.03	15.148	15.148	15.147	15.147	15.147	15.147	15.147	15.147	15.147
1.04	14.910	14.909	14.909	14.909	14.909	14.909	14.909	14.909	14.909
1.05	14.674	14.674	14.674	14.674	14.674	14.674	14.674	14.675	14.675
1.06	14.440	14.440	14.441	14.441	14.441	14.441	14.442	14.442	14.442
1.07	14.209	14.209	14.210	14.210	14.211	14.211	14.211	14.212	14.212
1.08	13.980	13.981	13.981	13.982	13.983	13.983	13.984	13.984	13.985
1.09	13.754	13.754	13.755	13.756	13.757	13.757	13.758	13.756	13.759
1.10	13.530	13.531	13.532	13.533	13.533	13.534	13.535	13.536	13.536
1.11	13.308	13.309	13.310	13.311	13.312	13.313	13.314	13.315	13.316
1.12	13.089	13.090	13.091	13.093	13.094	13.095	13.096	13.097	13.098
1.13	12.872	12.873	12.875	12.876	12.878	12.879	12.880	12.881	12.882
1.14	12.657	12.659	12.661	12.662	12.664	12.665	12.666	12.668	12.669
1.15	12.445	12.447	12.449	12.450	12.452	12.454	12.455	12.456	12.458
1.16	12.235	12.237	12.239	12.241	12.243	12.245	12.246	12.248	12.249
1.17	12.028	12.030	12.032	12.034	12.036	12.038	12.040	12.041	12.043
1.18	11.822	11.825	11.827	11.830	11.832	11.834	11.836	11.837	11.839
1.19	11.620	11.622	11.625	11.627	11.630	11.632	11.634	11.636	11.637
1.20	11.419	11.422	11.425	11.427	11.430	11.432	11.434	11.436	11.438
1.21	11.221	11.224	11.227	11.230	11.232	11.235	11.237	11.239	11.241
1.22	11.025	11.029	11.032	11.035	11.037	11.040	11.042	11.045	11.047
1.23	10.832	10.835	10.839	10.842	10.845	10.847	10.850	10.852	10.854
1.24	10.641	10.644	10.648	10.651	10.654	10.657	10.660	10.662	10.664
1.25	10.452	10.456	10.459	10.463	10.466	10.469	10.472	10.474	10.477
1.26	10.265	10.269	10.273	10.277	10.280	10.283	10.286	10.289	10.292
1.27	10.081	10.085	10.089	10.093	10.096	10.100	10.103	10.106	10.108
1.28	9.899	9.904	9.908	9.912	9.915	9.919	9.922	9.925	9.928
1.29	9.719	9.724	9.728	9.732	9.736	9.740	9.743	9.746	9.749
1.30	9.542	9.547	9.551	9.556	9.559	9.563	9.567	9.570	9.573
1.31	9.367	9.372	9.377	9.381	9.385	9.389	9.392	9.396	9.399
1.32	9.194	9.199	9.204	9.209	9.213	9.217	9.220	9.224	9.227
1.33	9.023	9.029	9.034	9.038	9.043	9.047	9.051	9.054	9.058
1.34	8.855	8.861	8.866	8.871	8.875	8.879	8.883	8.887	8.891
1.35	8.689	8.694	8.700	8.705	8.709	8.714	8.718	8.722	8.725
1.36	8.525	8.531	8.536	8.541	8.546	8.551	8.555	8.559	8.563
1.37	8.363	8.369	8.375	8.380	8.385	8.390	8.394	8.398	8.402
1.38	8.203	8.210	8.215	8.221	8.226	8.231	8.235	8.239	8.243
1.39	8.046	8.052	8.058	8.064	8.069	8.074	8.079	8.083	8.087
1.40	7.891	7.897	7.903	7.909	7.915	7.920	7.924	7.929	7.933
1.41	7.738	7.744	7.751	7.757	7.762	7.767	7.772	7.777	7.781
1.42	7.587	7.594	7.600	7.606	7.612	7.617	7.622	7.627	7.631
1.43	7.438	7.445	7.451	7.458	7.463	7.469	7.474	7.479	7.483
1.44	7.291	7.298	7.305	7.311	7.317	7.323	7.328	7.333	7.337
1.45	7.146	7.154	7.161	7.167	7.173	7.179	7.184	7.189	7.194
1.46	7.004	7.011	7.019	7.025	7.031	7.037	7.042	7.047	7.052
1.47	6.863	6.871	6.878	6.885	6.891	6.897	6.903	6.908	6.913
1.48	6.725	6.733	6.740	6.747	6.753	6.759	6.765	6.770	6.775
1.49	6.589	6.597	6.604	6.611	6.618	6.624	6.629	6.635	6.640
1.50	6.454	6.463	6.470	6.477	6.484	6.490	6.496	6.501	6.507

0	29	30	31	32	33	34	35	36	37
1.51	6.322	6.330	6.338	6.345	6.352	6.358	6.364	6.370	6.375
1.52	6.192	6.200	6.208	6.215	6.222	6.229	6.235	6.240	6.246
1.53	6.063	6.072	6.080	6.087	6.094	6.101	6.107	6.113	6.118
1.54	5.937	5.946	5.954	5.961	5.969	5.975	5.981	5.987	5.993
1.55	5.813	5.822	5.830	5.837	5.845	5.851	5.858	5.864	5.869
1.56	5.690	5.699	5.708	5.715	5.723	5.729	5.736	5.742	5.748
1.57	5.570	5.579	5.587	5.595	5.603	5.609	5.616	5.622	5.628
1.58	5.451	5.460	5.469	5.477	5.484	5.491	5.498	5.504	5.510
1.59	5.334	5.344	5.352	5.361	5.368	5.375	5.382	5.388	5.394
1.60	5.220	5.229	5.238	5.246	5.254	5.261	5.268	5.274	5.280
1.61	5.107	5.116	5.125	5.133	5.141	5.148	5.155	5.162	5.168
1.62	4.995	5.005	5.014	5.023	5.030	5.038	5.045	5.051	5.057
1.63	4.886	4.896	4.905	4.914	4.921	4.929	4.936	4.942	4.949
1.64	4.779	4.789	4.798	4.806	4.814	4.822	4.829	4.835	4.842
1.65	4.673	4.683	4.692	4.701	4.709	4.717	4.724	4.730	4.737
1.66	4.569	4.579	4.588	4.597	4.605	4.613	4.620	4.627	4.633
1.67	4.467	4.477	4.486	4.495	4.504	4.511	4.519	4.525	4.532
1.68	4.366	4.377	4.386	4.395	4.403	4.411	4.419	4.425	4.432
1.69	4.268	4.278	4.288	4.297	4.305	4.313	4.320	4.327	4.334
1.70	4.171	4.181	4.191	4.200	4.208	4.216	4.224	4.231	4.237
1.71	4.075	4.086	4.096	4.105	4.113	4.121	4.129	4.136	4.142
1.72	3.982	3.992	4.002	4.011	4.020	4.028	4.036	4.043	4.049
1.73	3.890	3.901	3.910	3.920	3.928	3.936	3.944	3.951	3.958
1.74	3.800	3.810	3.820	3.830	3.838	3.846	3.854	3.861	3.868
1.75	3.711	3.722	3.732	3.741	3.750	3.758	3.766	3.773	3.780
1.76	3.624	3.635	3.645	3.654	3.663	3.671	3.679	3.686	3.693
1.77	3.538	3.549	3.559	3.569	3.578	3.586	3.594	3.601	3.608
1.78	3.454	3.465	3.476	3.485	3.494	3.502	3.510	3.517	3.524
1.79	3.372	3.383	3.393	3.403	3.412	3.420	3.428	3.435	3.442
1.80	3.291	3.302	3.312	3.322	3.331	3.339	3.347	3.355	3.362
1.81	3.212	3.223	3.233	3.243	3.252	3.260	3.268	3.275	3.282
1.82	3.134	3.145	3.155	3.165	3.174	3.183	3.190	3.198	3.205
1.83	3.058	3.069	3.079	3.089	3.098	3.106	3.114	3.122	3.129
1.84	2.983	2.994	3.004	3.014	3.023	3.032	3.039	3.047	3.054
1.85	2.909	2.920	2.931	2.941	2.950	2.958	2.966	2.974	2.981
1.86	2.837	2.848	2.859	2.869	2.878	2.886	2.894	2.902	2.909
1.87	2.767	2.778	2.788	2.798	2.807	2.816	2.824	2.831	2.838
1.88	2.697	2.709	2.719	2.729	2.738	2.747	2.755	2.762	2.769
1.89	2.629	2.641	2.651	2.661	2.670	2.679	2.687	2.694	2.701
1.90	2.563	2.574	2.585	2.595	2.604	2.612	2.620	2.628	2.635
1.91	2.498	2.509	2.520	2.529	2.539	2.547	2.555	2.563	2.570
1.92	2.434	2.445	2.456	2.466	2.475	2.483	2.491	2.499	2.506
1.93	2.371	2.383	2.393	2.403	2.412	2.421	2.429	2.436	2.443
1.94	2.310	2.321	2.332	2.342	2.351	2.359	2.367	2.375	2.382
1.95	2.250	2.261	2.272	2.282	2.291	2.299	2.307	2.315	2.322
1.96	2.191	2.203	2.213	2.223	2.232	2.240	2.249	2.256	2.263
1.97	2.134	2.145	2.155	2.165	2.174	2.183	2.191	2.198	2.206
1.98	2.077	2.089	2.099	2.109	2.118	2.126	2.134	2.142	2.149
1.99	2.022	2.033	2.044	2.054	2.063	2.071	2.079	2.087	2.094
2.00	1.968	1.979	1.990	2.000	2.009	2.017	2.025	2.033	2.040

0	20	30	31	32	33	34	35	36	37
2.01	1.015	1.027	1.037	1.587	1.554	1.568	1.572	1.582	1.587
2.02	1.068	1.075	1.085	1.695	1.904	1.912	1.920	1.928	1.935
2.03	1.813	1.824	1.835	1.844	1.853	1.862	1.870	1.877	1.884
2.04	1.764	1.775	1.785	1.795	1.804	1.812	1.820	1.827	1.834
2.05	1.716	1.727	1.737	1.746	1.755	1.764	1.772	1.779	1.786
2.06	1.668	1.678	1.689	1.699	1.708	1.716	1.724	1.731	1.738
2.07	1.622	1.633	1.643	1.653	1.662	1.670	1.678	1.685	1.692
2.08	1.577	1.588	1.598	1.607	1.616	1.624	1.632	1.639	1.646
2.09	1.533	1.544	1.554	1.563	1.572	1.580	1.588	1.595	1.602
2.10	1.490	1.500	1.510	1.520	1.528	1.537	1.544	1.552	1.558
2.11	1.447	1.458	1.468	1.477	1.486	1.494	1.502	1.509	1.516
2.12	1.406	1.417	1.427	1.436	1.445	1.453	1.460	1.468	1.474
2.13	1.366	1.377	1.386	1.396	1.405	1.412	1.420	1.427	1.434
2.14	1.327	1.337	1.347	1.356	1.365	1.373	1.380	1.387	1.394
2.15	1.288	1.299	1.309	1.318	1.326	1.334	1.342	1.349	1.355
2.16	1.251	1.261	1.271	1.280	1.288	1.296	1.304	1.311	1.317
2.17	1.214	1.225	1.234	1.243	1.252	1.260	1.267	1.274	1.280
2.18	1.178	1.188	1.199	1.207	1.216	1.224	1.231	1.238	1.244
2.19	1.144	1.154	1.164	1.172	1.181	1.188	1.196	1.203	1.209
2.20	1.110	1.120	1.129	1.138	1.146	1.154	1.161	1.168	1.175
2.21	1.077	1.087	1.096	1.105	1.113	1.121	1.128	1.135	1.141
2.22	1.044	1.054	1.064	1.072	1.081	1.088	1.095	1.102	1.108
2.23	1.013	1.023	1.032	1.041	1.049	1.056	1.063	1.070	1.076
2.24	0.982	0.992	1.001	1.010	1.018	1.025	1.032	1.039	1.045
2.25	0.952	0.962	0.971	0.979	0.987	0.995	1.002	1.008	1.014
2.26	0.923	0.933	0.942	0.950	0.958	0.965	0.972	0.978	0.984
2.27	0.895	0.904	0.913	0.921	0.929	0.936	0.943	0.949	0.955
2.28	0.867	0.876	0.885	0.893	0.901	0.908	0.915	0.921	0.927
2.29	0.840	0.849	0.858	0.866	0.874	0.881	0.887	0.894	0.900
2.30	0.813	0.822	0.831	0.839	0.847	0.854	0.861	0.867	0.873
2.31	0.788	0.797	0.806	0.813	0.821	0.828	0.834	0.841	0.846
2.32	0.763	0.772	0.780	0.788	0.796	0.802	0.809	0.815	0.821
2.33	0.739	0.748	0.756	0.764	0.771	0.778	0.784	0.790	0.796
2.34	0.715	0.724	0.732	0.740	0.747	0.754	0.760	0.766	0.772
2.35	0.692	0.701	0.709	0.716	0.724	0.730	0.736	0.742	0.748
2.36	0.670	0.678	0.686	0.694	0.701	0.707	0.714	0.719	0.725
2.37	0.648	0.656	0.664	0.672	0.679	0.685	0.691	0.697	0.703
2.38	0.627	0.635	0.643	0.650	0.657	0.663	0.670	0.675	0.681
2.39	0.606	0.614	0.622	0.629	0.636	0.642	0.648	0.654	0.659
2.40	0.586	0.594	0.602	0.609	0.616	0.622	0.628	0.633	0.639
2.41	0.566	0.575	0.583	0.589	0.596	0.602	0.608	0.613	0.619
2.42	0.547	0.555	0.563	0.570	0.576	0.583	0.588	0.594	0.599
2.43	0.529	0.537	0.544	0.551	0.558	0.564	0.569	0.575	0.580
2.44	0.511	0.519	0.526	0.533	0.539	0.545	0.551	0.556	0.561
2.45	0.494	0.501	0.509	0.515	0.522	0.527	0.533	0.538	0.543
2.46	0.477	0.484	0.492	0.498	0.504	0.510	0.516	0.521	0.524
2.47	0.461	0.468	0.475	0.481	0.488	0.493	0.499	0.504	0.509
2.48	0.445	0.452	0.459	0.465	0.471	0.477	0.482	0.487	0.492
2.49	0.429	0.436	0.443	0.449	0.455	0.461	0.466	0.471	0.476
2.50	0.414	0.421	0.428	0.434	0.440	0.445	0.451	0.456	0.461

0	20	30	31	32	33	34	35	36	37
2.51	0.400	0.407	0.413	0.419	0.425	0.431	0.436	0.442	0.447
2.52	0.386	0.392	0.399	0.405	0.411	0.416	0.421	0.426	0.430
2.53	0.372	0.378	0.384	0.391	0.396	0.402	0.407	0.411	0.416
2.54	0.359	0.365	0.371	0.377	0.383	0.388	0.393	0.397	0.402
2.55	0.346	0.352	0.358	0.364	0.370	0.375	0.379	0.384	0.388
2.56	0.333	0.340	0.346	0.351	0.357	0.362	0.366	0.371	0.375
2.57	0.321	0.327	0.333	0.339	0.344	0.349	0.354	0.358	0.362
2.58	0.309	0.314	0.321	0.327	0.332	0.337	0.341	0.345	0.349
2.59	0.298	0.304	0.310	0.315	0.320	0.325	0.330	0.334	0.338
2.60	0.287	0.293	0.299	0.304	0.309	0.314	0.318	0.322	0.326
2.61	0.276	0.282	0.288	0.293	0.298	0.302	0.307	0.311	0.315
2.62	0.266	0.272	0.277	0.282	0.287	0.292	0.296	0.300	0.304
2.63	0.256	0.262	0.267	0.272	0.277	0.281	0.285	0.289	0.293
2.64	0.246	0.252	0.257	0.262	0.267	0.271	0.275	0.279	0.283
2.65	0.237	0.242	0.248	0.252	0.257	0.261	0.265	0.269	0.273
2.66	0.228	0.233	0.238	0.243	0.248	0.252	0.254	0.259	0.263
2.67	0.219	0.224	0.229	0.234	0.238	0.243	0.244	0.250	0.254
2.68	0.211	0.216	0.221	0.225	0.229	0.234	0.237	0.241	0.246
2.69	0.203	0.208	0.212	0.217	0.221	0.225	0.229	0.232	0.236
2.70	0.195	0.200	0.204	0.209	0.213	0.217	0.220	0.224	0.227
2.71	0.187	0.192	0.196	0.201	0.205	0.209	0.212	0.216	0.219
2.72	0.180	0.184	0.189	0.193	0.197	0.201	0.204	0.208	0.211
2.73	0.173	0.177	0.182	0.186	0.189	0.193	0.197	0.200	0.203
2.74	0.166	0.170	0.175	0.178	0.182	0.185	0.189	0.192	0.195
2.75	0.159	0.163	0.168	0.172	0.175	0.179	0.182	0.185	0.188
2.76	0.153	0.157	0.161	0.165	0.169	0.172	0.175	0.178	0.181
2.77	0.146	0.151	0.155	0.158	0.162	0.165	0.168	0.171	0.174
2.78	0.140	0.145	0.148	0.152	0.156	0.158	0.162	0.165	0.168
2.79	0.135	0.139	0.142	0.146	0.149	0.153	0.156	0.159	0.162
2.80	0.129	0.133	0.137	0.140	0.144	0.147	0.150	0.153	0.156
2.81	0.124	0.128	0.131	0.135	0.138	0.141	0.144	0.147	0.150
2.82	0.119	0.122	0.126	0.129	0.132	0.135	0.138	0.141	0.144
2.83	0.114	0.117	0.121	0.124	0.127	0.130	0.133	0.135	0.138
2.84	0.109	0.112	0.116	0.119	0.122	0.125	0.128	0.130	0.133
2.85	0.104	0.108	0.111	0.114	0.117	0.120	0.122	0.125	0.128
2.86	0.100	0.103	0.106	0.109	0.112	0.115	0.118	0.120	0.123
2.87	0.095	0.099	0.102	0.105	0.108	0.110	0.113	0.115	0.118
2.88	0.091	0.094	0.098	0.100	0.103	0.106	0.108	0.111	0.113
2.89	0.087	0.090	0.093	0.096	0.099	0.101	0.104	0.106	0.108
2.90	0.083	0.087	0.089	0.092	0.095	0.097	0.100	0.102	0.104
2.91	0.080	0.083	0.086	0.088	0.091	0.093	0.096	0.098	0.100
2.92	0.076	0.079	0.082	0.084	0.087	0.089	0.092	0.094	0.096
2.93	0.073	0.076	0.078	0.081	0.083	0.086	0.088	0.090	0.092
2.94	0.070	0.072	0.075	0.077	0.080	0.082	0.084	0.086	0.088
2.95	0.066	0.069	0.072	0.074	0.076	0.079	0.081	0.083	0.084
2.96	0.063	0.066	0.069	0.071	0.073	0.075	0.077	0.079	0.081
2.97	0.061	0.063	0.065	0.068	0.070	0.072	0.074	0.076	0.077
2.98	0.058	0.060	0.063	0.065	0.067	0.069	0.071	0.073	0.074
2.99	0.055	0.057	0.060	0.062	0.064	0.066	0.068	0.070	0.071
3.00	0.053	0.055	0.057	0.059	0.061	0.063	0.065	0.067	0.068

C	38	39	40	41	42	43	44	45	46
0.01	49.604	49.604	49.604	49.604	49.604	49.604	49.604	49.603	49.603
0.02	49.208	49.208	49.208	49.207	49.207	49.207	49.207	49.207	49.207
0.03	48.812	48.812	48.812	48.811	48.811	48.811	48.811	48.811	48.810
0.04	48.416	48.416	48.416	48.415	48.415	48.415	48.415	48.414	48.414
0.05	48.021	48.020	48.020	48.019	48.019	48.019	48.018	48.018	48.018
0.06	47.625	47.625	47.624	47.624	47.623	47.623	47.623	47.622	47.622
0.07	47.230	47.229	47.229	47.228	47.228	47.227	47.227	47.226	47.226
0.08	46.835	46.834	46.834	46.833	46.832	46.832	46.831	46.831	46.831
0.09	46.440	46.439	46.439	46.438	46.437	46.437	46.436	46.436	46.435
0.10	46.046	46.045	46.044	46.044	46.043	46.042	46.042	46.041	46.040
0.11	45.652	45.651	45.650	45.649	45.648	45.648	45.647	45.647	45.646
0.12	45.258	45.257	45.256	45.256	45.255	45.254	45.253	45.253	45.252
0.13	44.865	44.864	44.863	44.862	44.861	44.860	44.860	44.859	44.858
0.14	44.473	44.471	44.470	44.469	44.468	44.468	44.467	44.466	44.465
0.15	44.080	44.079	44.078	44.077	44.076	44.075	44.074	44.073	44.072
0.16	43.689	43.688	43.686	43.685	43.684	43.683	43.682	43.681	43.680
0.17	43.298	43.297	43.295	43.294	43.293	43.292	43.291	43.290	43.289
0.18	42.907	42.906	42.905	42.904	42.902	42.901	42.900	42.899	42.898
0.19	42.518	42.516	42.515	42.514	42.512	42.511	42.510	42.509	42.508
0.20	42.129	42.127	42.126	42.124	42.123	42.122	42.121	42.120	42.118
0.21	41.741	41.739	41.737	41.736	41.735	41.733	41.732	41.731	41.730
0.22	41.353	41.351	41.350	41.348	41.347	41.346	41.344	41.343	41.342
0.23	40.966	40.965	40.963	40.961	40.960	40.959	40.957	40.956	40.955
0.24	40.581	40.579	40.577	40.575	40.574	40.572	40.571	40.570	40.568
0.25	40.196	40.194	40.192	40.190	40.189	40.187	40.186	40.184	40.183
0.26	39.812	39.810	39.808	39.806	39.804	39.803	39.801	39.800	39.799
0.27	39.428	39.426	39.425	39.423	39.421	39.419	39.418	39.416	39.415
0.28	39.046	39.044	39.042	39.040	39.039	39.037	39.036	39.034	39.033
0.29	38.665	38.663	38.661	38.659	38.657	38.656	38.654	38.653	38.651
0.30	38.285	38.283	38.281	38.279	38.277	38.275	38.274	38.272	38.271
0.31	37.906	37.904	37.902	37.900	37.898	37.896	37.894	37.893	37.891
0.32	37.528	37.526	37.524	37.522	37.520	37.518	37.516	37.515	37.513
0.33	37.151	37.149	37.147	37.145	37.143	37.141	37.139	37.138	37.136
0.34	36.776	36.773	36.771	36.769	36.767	36.765	36.763	36.762	36.760
0.35	36.401	36.399	36.397	36.395	36.393	36.391	36.389	36.387	36.385
0.36	36.028	36.026	36.024	36.021	36.019	36.017	36.016	36.014	36.012
0.37	35.656	35.654	35.652	35.649	35.647	35.645	35.643	35.642	35.640
0.38	35.286	35.283	35.281	35.279	35.277	35.275	35.273	35.271	35.269
0.39	34.917	34.914	34.912	34.909	34.907	34.905	34.903	34.901	34.900
0.40	34.549	34.546	34.544	34.541	34.539	34.537	34.535	34.533	34.532
0.41	34.182	34.180	34.177	34.175	34.173	34.171	34.169	34.167	34.165
0.42	33.817	33.815	33.812	33.810	33.808	33.805	33.803	33.801	33.800
0.43	33.454	33.451	33.448	33.446	33.444	33.442	33.440	33.438	33.436
0.44	33.092	33.089	33.086	33.084	33.082	33.079	33.077	33.075	33.074
0.45	32.731	32.728	32.726	32.723	32.721	32.719	32.717	32.715	32.713
0.46	32.372	32.369	32.367	32.364	32.362	32.360	32.357	32.355	32.354
0.47	32.014	32.012	32.009	32.007	32.004	32.002	32.000	31.998	31.996
0.48	31.658	31.656	31.653	31.651	31.648	31.646	31.644	31.642	31.640
0.49	31.304	31.301	31.299	31.296	31.294	31.292	31.290	31.288	31.286
0.50	30.951	30.949	30.946	30.944	30.941	30.939	30.937	30.935	30.933

C	38	39	40	41	42	43	44	45	46
0.51	30.601	30.598	30.595	30.593	30.590	30.588	30.586	30.584	30.582
0.52	30.251	30.248	30.246	30.243	30.241	30.239	30.237	30.234	30.233
0.53	29.904	29.901	29.898	29.896	29.893	29.891	29.889	29.887	29.885
0.54	29.558	29.555	29.552	29.550	29.548	29.545	29.543	29.541	29.539
0.55	29.214	29.211	29.208	29.206	29.203	29.201	29.199	29.197	29.195
0.56	28.872	28.869	28.866	28.864	28.861	28.859	28.857	28.855	28.853
0.57	28.531	28.528	28.526	28.523	28.521	28.519	28.516	28.514	28.512
0.58	28.193	28.190	28.187	28.185	28.182	28.180	28.178	28.176	28.174
0.59	27.856	27.853	27.850	27.848	27.846	27.843	27.841	27.839	27.837
0.60	27.521	27.518	27.516	27.513	27.511	27.509	27.507	27.505	27.503
0.61	27.188	27.185	27.183	27.180	27.178	27.176	27.174	27.172	27.170
0.62	26.857	26.854	26.852	26.849	26.847	26.845	26.843	26.841	26.839
0.63	26.528	26.525	26.523	26.520	26.518	26.516	26.514	26.512	26.510
0.64	26.201	26.198	26.196	26.193	26.191	26.189	26.187	26.185	26.183
0.65	25.876	25.873	25.871	25.868	25.866	25.864	25.862	25.860	25.858
0.66	25.553	25.550	25.548	25.545	25.543	25.541	25.539	25.537	25.535
0.67	25.232	25.229	25.227	25.225	25.222	25.220	25.218	25.216	25.215
0.68	24.913	24.910	24.908	24.906	24.903	24.901	24.899	24.898	24.896
0.69	24.596	24.593	24.591	24.589	24.587	24.585	24.583	24.581	24.579
0.70	24.281	24.279	24.276	24.274	24.272	24.270	24.268	24.266	24.265
0.71	23.968	23.966	23.964	23.961	23.959	23.957	23.956	23.954	23.953
0.72	23.658	23.655	23.653	23.651	23.649	23.647	23.645	23.644	23.642
0.73	23.349	23.347	23.345	23.343	23.341	23.339	23.337	23.335	23.334
0.74	23.043	23.041	23.039	23.036	23.035	23.033	23.031	23.029	23.028
0.75	22.739	22.737	22.734	22.732	22.731	22.729	22.727	22.725	22.724
0.76	22.437	22.435	22.433	22.431	22.429	22.427	22.425	22.424	22.422
0.77	22.137	22.135	22.133	22.131	22.129	22.127	22.126	22.124	22.123
0.78	21.839	21.837	21.835	21.834	21.832	21.830	21.829	21.827	21.826
0.79	21.544	21.542	21.540	21.538	21.537	21.535	21.534	21.532	21.531
0.80	21.251	21.249	21.247	21.245	21.244	21.242	21.241	21.239	21.238
0.81	20.960	20.958	20.956	20.955	20.953	20.952	20.950	20.948	20.948
0.82	20.671	20.670	20.668	20.666	20.665	20.663	20.662	20.661	20.659
0.83	20.385	20.383	20.382	20.380	20.379	20.377	20.376	20.375	20.373
0.84	20.101	20.099	20.098	20.096	20.095	20.093	20.092	20.091	20.090
0.85	19.819	19.818	19.816	19.815	19.813	19.812	19.811	19.810	19.808
0.86	19.540	19.538	19.537	19.535	19.534	19.533	19.532	19.531	19.529
0.87	19.262	19.261	19.260	19.258	19.257	19.256	19.255	19.254	19.253
0.88	18.988	18.986	18.985	18.984	18.983	18.981	18.980	18.979	18.978
0.89	18.715	18.714	18.713	18.711	18.710	18.709	18.708	18.707	18.706
0.90	18.445	18.444	18.442	18.441	18.440	18.439	18.438	18.438	18.437
0.91	18.177	18.176	18.175	18.174	18.173	18.172	18.171	18.170	18.169
0.92	17.911	17.910	17.909	17.908	17.907	17.907	17.906	17.905	17.904
0.93	17.648	17.647	17.646	17.645	17.645	17.644	17.643	17.642	17.642
0.94	17.387	17.386	17.386	17.385	17.384	17.383	17.383	17.382	17.382
0.95	17.129	17.128	17.127	17.127	17.126	17.125	17.125	17.124	17.124
0.96	16.873	16.872	16.871	16.871	16.870	16.870	16.869	16.869	16.868
0.97	16.619	16.619	16.618	16.617	16.617	16.616	16.616	16.615	16.615
0.98	16.368	16.367	16.367	16.366	16.366	16.365	16.365	16.365	16.364
0.99	16.119	16.118	16.118	16.117	16.117	16.117	16.116	16.116	16.116
1.00	15.872	15.872	15.871	15.871	15.871	15.871	15.870	15.870	15.870

0	38	39	40	41	42	43	44	45	46
1.01	15.628	15.628	15.627	15.627	15.627	15.627	15.627	15.627	15.626
1.02	15.386	15.386	15.386	15.386	15.386	15.385	15.385	15.385	15.385
1.03	15.147	15.147	15.146	15.146	15.146	15.146	15.146	15.146	15.146
1.04	14.909	14.910	14.910	14.910	14.910	14.910	14.910	14.910	14.910
1.05	14.675	14.675	14.675	14.675	14.675	14.676	14.676	14.676	14.676
1.06	14.443	14.443	14.443	14.443	14.443	14.444	14.444	14.444	14.444
1.07	14.213	14.213	14.213	14.214	14.214	14.214	14.215	14.215	14.215
1.08	13.985	13.986	13.986	13.986	13.987	13.987	13.988	13.988	13.988
1.09	13.760	13.760	13.761	13.762	13.762	13.763	13.763	13.763	13.764
1.10	13.537	13.538	13.538	13.539	13.540	13.540	13.541	13.541	13.542
1.11	13.317	13.318	13.318	13.319	13.320	13.320	13.321	13.322	13.322
1.12	13.099	13.100	13.100	13.101	13.102	13.102	13.103	13.104	13.105
1.13	12.883	12.884	12.885	12.886	12.887	12.888	12.888	12.889	12.890
1.14	12.670	12.671	12.672	12.673	12.674	12.675	12.676	12.677	12.677
1.15	12.459	12.460	12.461	12.462	12.463	12.464	12.465	12.466	12.467
1.16	12.251	12.252	12.253	12.254	12.255	12.256	12.257	12.258	12.259
1.17	12.044	12.046	12.047	12.048	12.050	12.051	12.052	12.053	12.054
1.18	11.841	11.842	11.843	11.845	11.846	11.847	11.849	11.850	11.851
1.19	11.639	11.641	11.642	11.644	11.645	11.646	11.648	11.649	11.650
1.20	11.440	11.442	11.443	11.445	11.446	11.448	11.449	11.450	11.452
1.21	11.243	11.245	11.247	11.248	11.250	11.251	11.253	11.254	11.255
1.22	11.049	11.051	11.052	11.054	11.056	11.057	11.059	11.060	11.062
1.23	10.857	10.859	10.860	10.862	10.864	10.866	10.867	10.869	10.870
1.24	10.667	10.669	10.671	10.673	10.675	10.676	10.678	10.680	10.681
1.25	10.479	10.481	10.484	10.486	10.487	10.489	10.491	10.493	10.494
1.26	10.294	10.296	10.299	10.301	10.303	10.305	10.306	10.308	10.310
1.27	10.111	10.113	10.116	10.118	10.120	10.122	10.124	10.126	10.128
1.28	9.930	9.933	9.935	9.938	9.940	9.942	9.944	9.946	9.948
1.29	9.752	9.755	9.757	9.760	9.762	9.764	9.766	9.768	9.770
1.30	9.576	9.579	9.581	9.584	9.586	9.588	9.590	9.593	9.594
1.31	9.402	9.405	9.408	9.410	9.413	9.415	9.417	9.419	9.421
1.32	9.230	9.233	9.236	9.239	9.241	9.244	9.246	9.248	9.250
1.33	9.061	9.064	9.067	9.070	9.072	9.075	9.077	9.079	9.082
1.34	8.894	8.897	8.900	8.903	8.906	8.908	8.911	8.913	8.915
1.35	8.729	8.732	8.735	8.738	8.741	8.744	8.746	8.749	8.751
1.36	8.566	8.569	8.573	8.576	8.579	8.581	8.584	8.586	8.589
1.37	8.406	8.409	8.412	8.415	8.418	8.421	8.424	8.426	8.429
1.38	8.247	8.251	8.254	8.257	8.260	8.263	8.266	8.269	8.271
1.39	8.091	8.095	8.098	8.101	8.104	8.107	8.110	8.113	8.115
1.40	7.937	7.941	7.944	7.947	7.951	7.954	7.957	7.959	7.962
1.41	7.785	7.789	7.792	7.796	7.799	7.802	7.805	7.808	7.811
1.42	7.635	7.639	7.643	7.646	7.650	7.653	7.656	7.659	7.661
1.43	7.487	7.491	7.495	7.499	7.502	7.505	7.509	7.512	7.514
1.44	7.342	7.346	7.350	7.353	7.357	7.360	7.363	7.366	7.369
1.45	7.198	7.202	7.206	7.210	7.214	7.217	7.220	7.223	7.226
1.46	7.057	7.061	7.065	7.069	7.073	7.076	7.079	7.083	7.086
1.47	6.917	6.922	6.926	6.930	6.934	6.937	6.940	6.944	6.947
1.48	6.780	6.784	6.789	6.793	6.796	6.800	6.803	6.807	6.810
1.49	6.645	6.649	6.654	6.658	6.661	6.665	6.669	6.672	6.675
1.50	6.511	6.516	6.520	6.524	6.528	6.532	6.536	6.539	6.542

0	38	39	40	41	42	43	44	45	46
1.51	6.380	6.385	6.389	6.393	6.397	6.401	6.405	6.408	6.412
1.52	6.251	6.255	6.260	6.264	6.268	6.272	6.276	6.279	6.283
1.53	6.123	6.128	6.133	6.137	6.141	6.145	6.149	6.152	6.156
1.54	5.998	6.002	6.008	6.012	6.016	6.020	6.024	6.027	6.031
1.55	5.874	5.879	5.884	5.889	5.893	5.897	5.901	5.904	5.908
1.56	5.753	5.758	5.763	5.767	5.772	5.776	5.780	5.783	5.787
1.57	5.633	5.638	5.643	5.648	5.652	5.656	5.660	5.664	5.668
1.58	5.515	5.521	5.526	5.530	5.535	5.539	5.543	5.547	5.550
1.59	5.400	5.405	5.410	5.415	5.419	5.423	5.427	5.431	5.435
1.60	5.286	5.291	5.296	5.301	5.305	5.310	5.314	5.318	5.321
1.61	5.173	5.179	5.184	5.189	5.193	5.198	5.202	5.206	5.209
1.62	5.063	5.068	5.078	5.078	5.083	5.087	5.092	5.096	5.099
1.63	4.954	4.960	4.965	4.970	4.975	4.979	4.983	4.987	4.991
1.64	4.848	4.853	4.858	4.863	4.868	4.873	4.877	4.881	4.885
1.65	4.743	4.748	4.754	4.759	4.763	4.768	4.772	4.776	4.780
1.66	4.639	4.645	4.650	4.655	4.660	4.665	4.669	4.673	4.677
1.67	4.538	4.544	4.549	4.554	4.559	4.564	4.568	4.573	4.577
1.68	4.438	4.444	4.449	4.454	4.459	4.464	4.468	4.473	4.477
1.69	4.340	4.346	4.351	4.356	4.361	4.366	4.371	4.375	4.379
1.70	4.243	4.249	4.255	4.260	4.265	4.270	4.274	4.279	4.283
1.71	4.149	4.155	4.160	4.166	4.171	4.175	4.180	4.184	4.188
1.72	4.056	4.062	4.067	4.073	4.078	4.082	4.087	4.091	4.095
1.73	3.964	3.970	3.976	3.981	3.986	3.991	3.996	4.000	4.004
1.74	3.874	3.880	3.886	3.891	3.897	3.901	3.906	3.910	3.915
1.75	3.786	3.792	3.798	3.803	3.808	3.813	3.818	3.822	3.827
1.76	3.699	3.705	3.711	3.717	3.722	3.727	3.731	3.736	3.740
1.77	3.614	3.620	3.626	3.632	3.637	3.642	3.646	3.651	3.655
1.78	3.531	3.537	3.543	3.548	3.553	3.558	3.563	3.568	3.572
1.79	3.449	3.455	3.461	3.466	3.471	3.476	3.481	3.486	3.490
1.80	3.368	3.374	3.380	3.386	3.391	3.396	3.401	3.405	3.410
1.81	3.289	3.295	3.301	3.307	3.312	3.317	3.322	3.326	3.331
1.82	3.211	3.218	3.224	3.229	3.234	3.240	3.244	3.249	3.253
1.83	3.135	3.142	3.147	3.153	3.158	3.163	3.168	3.173	3.177
1.84	3.061	3.067	3.073	3.078	3.084	3.089	3.094	3.098	3.103
1.85	2.987	2.994	3.000	3.005	3.011	3.016	3.021	3.025	3.030
1.86	2.915	2.922	2.928	2.933	2.939	2.944	2.949	2.953	2.958
1.87	2.845	2.851	2.857	2.863	2.868	2.873	2.878	2.883	2.887
1.88	2.776	2.782	2.788	2.794	2.799	2.804	2.809	2.814	2.818
1.89	2.708	2.714	2.720	2.726	2.731	2.737	2.741	2.746	2.751
1.90	2.642	2.648	2.654	2.660	2.665	2.670	2.675	2.680	2.684
1.91	2.576	2.583	2.589	2.595	2.600	2.605	2.610	2.615	2.619
1.92	2.513	2.519	2.525	2.531	2.536	2.541	2.546	2.551	2.555
1.93	2.450	2.456	2.462	2.468	2.473	2.478	2.484	2.488	2.493
1.94	2.389	2.395	2.401	2.407	2.412	2.417	2.422	2.427	2.431
1.95	2.329	2.335	2.341	2.347	2.352	2.357	2.362	2.367	2.371
1.96	2.270	2.276	2.282	2.288	2.293	2.298	2.303	2.308	2.312
1.97	2.212	2.219	2.224	2.230	2.236	2.241	2.246	2.250	2.255
1.98	2.156	2.162	2.168	2.174	2.179	2.184	2.189	2.194	2.198
1.99	2.100	2.107	2.113	2.118	2.124	2.129	2.134	2.138	2.143
2.00	2.046	2.053	2.059	2.064	2.070	2.075	2.079	2.084	2.089

G	38	39	40	41	42	43	44	45	46
2.01	1.993	2.000	2.006	2.011	2.017	2.022	2.028	2.031	2.035
2.02	1.941	1.948	1.954	1.959	1.965	1.970	1.974	1.979	1.983
2.03	1.891	1.897	1.903	1.908	1.914	1.919	1.924	1.928	1.932
2.04	1.841	1.847	1.853	1.859	1.864	1.869	1.874	1.878	1.883
2.05	1.792	1.799	1.804	1.810	1.815	1.820	1.825	1.830	1.834
2.06	1.745	1.751	1.757	1.762	1.768	1.773	1.777	1.782	1.786
2.07	1.698	1.704	1.710	1.716	1.721	1.726	1.731	1.735	1.740
2.08	1.653	1.659	1.665	1.670	1.675	1.680	1.685	1.690	1.694
2.09	1.608	1.614	1.620	1.626	1.631	1.636	1.641	1.645	1.649
2.10	1.565	1.571	1.577	1.582	1.587	1.592	1.597	1.601	1.606
2.11	1.522	1.528	1.534	1.539	1.545	1.549	1.554	1.559	1.563
2.12	1.481	1.487	1.492	1.498	1.503	1.508	1.512	1.517	1.521
2.13	1.440	1.446	1.452	1.457	1.462	1.467	1.472	1.476	1.480
2.14	1.400	1.406	1.412	1.417	1.422	1.427	1.432	1.436	1.440
2.15	1.362	1.367	1.373	1.378	1.383	1.388	1.393	1.397	1.401
2.16	1.324	1.329	1.335	1.340	1.345	1.350	1.355	1.359	1.363
2.17	1.287	1.292	1.298	1.303	1.308	1.313	1.317	1.322	1.326
2.18	1.250	1.256	1.262	1.267	1.272	1.277	1.281	1.285	1.289
2.19	1.215	1.221	1.226	1.231	1.236	1.241	1.245	1.250	1.254
2.20	1.181	1.186	1.192	1.197	1.202	1.206	1.211	1.215	1.219
2.21	1.147	1.153	1.158	1.163	1.168	1.172	1.177	1.181	1.185
2.22	1.114	1.120	1.125	1.130	1.135	1.139	1.144	1.148	1.152
2.23	1.082	1.087	1.093	1.098	1.103	1.107	1.111	1.116	1.119
2.24	1.051	1.056	1.061	1.066	1.071	1.076	1.080	1.084	1.088
2.25	1.020	1.026	1.031	1.036	1.040	1.045	1.049	1.053	1.057
2.26	0.990	0.996	1.001	1.006	1.010	1.015	1.019	1.023	1.027
2.27	0.961	0.967	0.972	0.977	0.981	0.986	0.990	0.994	0.997
2.28	0.933	0.938	0.943	0.948	0.953	0.957	0.961	0.965	0.969
2.29	0.905	0.910	0.915	0.920	0.925	0.929	0.933	0.937	0.941
2.30	0.878	0.883	0.888	0.893	0.898	0.902	0.906	0.910	0.913
2.31	0.852	0.857	0.862	0.867	0.871	0.875	0.879	0.883	0.887
2.32	0.826	0.831	0.836	0.841	0.845	0.849	0.853	0.857	0.861
2.33	0.801	0.806	0.811	0.816	0.820	0.824	0.828	0.832	0.836
2.34	0.777	0.782	0.787	0.791	0.796	0.800	0.804	0.807	0.811
2.35	0.753	0.758	0.763	0.767	0.772	0.776	0.780	0.783	0.787
2.36	0.730	0.735	0.740	0.744	0.748	0.752	0.756	0.760	0.763
2.37	0.708	0.713	0.717	0.722	0.726	0.730	0.733	0.737	0.741
2.38	0.686	0.691	0.695	0.699	0.704	0.708	0.711	0.715	0.718
2.39	0.664	0.669	0.674	0.678	0.682	0.686	0.690	0.693	0.697
2.40	0.644	0.648	0.653	0.657	0.661	0.665	0.669	0.672	0.675
2.41	0.623	0.628	0.632	0.637	0.641	0.644	0.648	0.652	0.655
2.42	0.604	0.608	0.613	0.617	0.621	0.625	0.628	0.631	0.635
2.43	0.585	0.589	0.593	0.598	0.601	0.605	0.609	0.612	0.615
2.44	0.566	0.570	0.575	0.579	0.583	0.586	0.590	0.593	0.596
2.45	0.548	0.552	0.556	0.560	0.564	0.568	0.571	0.575	0.578
2.46	0.530	0.535	0.539	0.543	0.546	0.550	0.553	0.557	0.560
2.47	0.513	0.517	0.521	0.525	0.529	0.533	0.536	0.539	0.542
2.48	0.496	0.501	0.505	0.509	0.512	0.516	0.519	0.522	0.525
2.49	0.480	0.484	0.488	0.492	0.496	0.499	0.502	0.506	0.509
2.50	0.464	0.469	0.473	0.476	0.480	0.483	0.486	0.489	0.492

G	38	39	40	41	42	43	44	45	46
2.51	0.449	0.453	0.457	0.461	0.464	0.468	0.471	0.474	0.477
2.52	0.434	0.438	0.442	0.446	0.449	0.452	0.456	0.459	0.461
2.53	0.420	0.424	0.428	0.431	0.435	0.438	0.441	0.444	0.447
2.54	0.406	0.410	0.413	0.417	0.420	0.423	0.426	0.429	0.432
2.55	0.392	0.396	0.400	0.403	0.406	0.410	0.413	0.416	0.418
2.56	0.379	0.383	0.386	0.390	0.393	0.396	0.399	0.402	0.405
2.57	0.366	0.370	0.373	0.377	0.380	0.383	0.386	0.389	0.391
2.58	0.354	0.357	0.361	0.364	0.367	0.370	0.373	0.376	0.378
2.59	0.342	0.345	0.349	0.352	0.355	0.358	0.361	0.363	0.366
2.60	0.330	0.333	0.337	0.340	0.343	0.346	0.349	0.351	0.354
2.61	0.318	0.322	0.325	0.328	0.331	0.334	0.337	0.339	0.342
2.62	0.307	0.311	0.314	0.317	0.320	0.323	0.326	0.328	0.331
2.63	0.297	0.300	0.303	0.306	0.309	0.312	0.314	0.317	0.319
2.64	0.286	0.290	0.293	0.296	0.298	0.301	0.304	0.306	0.309
2.65	0.276	0.279	0.282	0.285	0.288	0.291	0.293	0.296	0.298
2.66	0.266	0.270	0.273	0.275	0.278	0.281	0.283	0.286	0.288
2.67	0.257	0.260	0.263	0.266	0.269	0.271	0.274	0.276	0.278
2.68	0.248	0.251	0.254	0.256	0.259	0.262	0.264	0.266	0.269
2.69	0.239	0.242	0.245	0.247	0.250	0.252	0.255	0.257	0.259
2.70	0.230	0.233	0.236	0.238	0.241	0.244	0.246	0.248	0.250
2.71	0.222	0.225	0.227	0.230	0.233	0.235	0.237	0.239	0.242
2.72	0.214	0.217	0.219	0.222	0.224	0.227	0.229	0.231	0.233
2.73	0.206	0.209	0.211	0.214	0.216	0.219	0.221	0.223	0.225
2.74	0.198	0.201	0.204	0.206	0.209	0.211	0.213	0.215	0.217
2.75	0.191	0.194	0.196	0.199	0.201	0.203	0.205	0.207	0.209
2.76	0.184	0.187	0.189	0.191	0.194	0.196	0.198	0.200	0.202
2.77	0.177	0.180	0.182	0.184	0.187	0.189	0.191	0.193	0.195
2.78	0.170	0.173	0.175	0.178	0.180	0.182	0.184	0.186	0.188
2.79	0.164	0.166	0.169	0.171	0.173	0.175	0.177	0.179	0.181
2.80	0.158	0.160	0.162	0.165	0.167	0.169	0.171	0.173	0.174
2.81	0.152	0.154	0.156	0.159	0.161	0.163	0.164	0.166	0.168
2.82	0.146	0.148	0.150	0.153	0.155	0.157	0.158	0.160	0.162
2.83	0.140	0.143	0.145	0.147	0.149	0.151	0.152	0.154	0.156
2.84	0.135	0.137	0.139	0.141	0.143	0.145	0.147	0.149	0.150
2.85	0.130	0.132	0.134	0.136	0.138	0.140	0.141	0.143	0.145
2.86	0.125	0.127	0.129	0.131	0.133	0.134	0.136	0.138	0.139
2.87	0.120	0.122	0.124	0.126	0.127	0.129	0.131	0.132	0.134
2.88	0.115	0.117	0.119	0.121	0.123	0.124	0.126	0.127	0.129
2.89	0.110	0.112	0.114	0.116	0.118	0.120	0.121	0.123	0.124
2.90	0.106	0.108	0.110	0.112	0.113	0.115	0.116	0.118	0.119
2.91	0.102	0.104	0.106	0.107	0.109	0.110	0.112	0.113	0.115
2.92	0.098	0.100	0.101	0.103	0.105	0.106	0.108	0.109	0.110
2.93	0.094	0.096	0.097	0.099	0.101	0.102	0.103	0.105	0.106
2.94	0.090	0.092	0.093	0.095	0.097	0.098	0.099	0.101	0.102
2.95	0.086	0.088	0.090	0.091	0.093	0.094	0.095	0.097	0.098
2.96	0.083	0.084	0.086	0.088	0.089	0.090	0.092	0.093	0.094
2.97	0.079	0.081	0.083	0.084	0.085	0.087	0.088	0.089	0.091
2.98	0.076	0.078	0.079	0.081	0.082	0.083	0.085	0.086	0.087
2.99	0.073	0.074	0.076	0.077	0.079	0.080	0.081	0.083	0.084
3.00	0.070	0.071	0.073	0.074	0.076	0.077	0.078	0.079	0.080

G	47	48	49	50	51	52	53	54	55
0.01	49.603	49.603	49.603	49.603	49.603	49.603	49.603	49.603	49.603
0.02	49.207	49.207	49.207	49.206	49.206	49.206	49.206	49.206	49.206
0.03	48.810	48.810	48.810	48.810	48.810	48.809	48.809	48.809	48.809
0.04	48.414	48.414	48.413	48.413	48.413	48.413	48.413	48.413	48.412
0.05	48.018	48.017	48.017	48.017	48.017	48.016	48.016	48.016	48.016
0.06	47.622	47.621	47.621	47.621	47.620	47.620	47.620	47.620	47.619
0.07	47.226	47.225	47.225	47.225	47.224	47.224	47.224	47.223	47.223
0.08	46.830	46.830	46.829	46.829	46.829	46.828	46.828	46.828	46.827
0.09	46.435	46.434	46.434	46.434	46.433	46.433	46.432	46.432	46.432
0.10	46.040	46.039	46.038	46.038	46.038	46.037	46.037	46.037	46.036
0.11	45.645	45.645	45.644	45.644	45.643	45.643	45.642	45.642	45.641
0.12	45.251	45.251	45.250	45.249	45.249	45.248	45.248	45.247	45.247
0.13	44.858	44.857	44.856	44.856	44.855	44.854	44.854	44.853	44.853
0.14	44.464	44.464	44.463	44.462	44.462	44.461	44.461	44.460	44.459
0.15	44.072	44.071	44.070	44.070	44.069	44.068	44.068	44.067	44.066
0.16	43.680	43.679	43.678	43.677	43.677	43.676	43.675	43.675	43.674
0.17	43.288	43.287	43.286	43.286	43.285	43.284	43.283	43.283	43.282
0.18	42.897	42.896	42.895	42.895	42.894	42.893	42.892	42.892	42.891
0.19	42.507	42.506	42.505	42.504	42.503	42.503	42.502	42.501	42.500
0.20	42.117	42.116	42.116	42.115	42.114	42.113	42.112	42.111	42.111
0.21	41.729	41.728	41.727	41.726	41.725	41.724	41.723	41.722	41.722
0.22	41.341	41.340	41.339	41.338	41.337	41.336	41.335	41.334	41.333
0.23	40.954	40.952	40.951	40.950	40.949	40.948	40.948	40.947	40.946
0.24	40.567	40.566	40.565	40.564	40.563	40.562	40.561	40.560	40.559
0.25	40.182	40.181	40.180	40.178	40.177	40.176	40.175	40.175	40.174
0.26	39.797	39.796	39.795	39.794	39.793	39.792	39.791	39.790	39.789
0.27	39.414	39.413	39.411	39.410	39.409	39.408	39.407	39.406	39.405
0.28	39.031	39.030	39.029	39.028	39.026	39.025	39.024	39.023	39.022
0.29	38.650	38.648	38.647	38.646	38.645	38.644	38.643	38.641	38.640
0.30	38.269	38.268	38.267	38.265	38.264	38.263	38.262	38.261	38.260
0.31	37.890	37.888	37.887	37.886	37.885	37.883	37.882	37.881	37.880
0.32	37.512	37.510	37.509	37.507	37.506	37.505	37.504	37.503	37.502
0.33	37.134	37.133	37.132	37.130	37.129	37.128	37.127	37.125	37.124
0.34	36.759	36.757	36.756	36.754	36.753	36.752	36.751	36.749	36.748
0.35	36.384	36.382	36.381	36.380	36.378	36.377	36.376	36.375	36.373
0.36	36.010	36.009	36.007	36.006	36.005	36.003	36.002	36.001	35.999
0.37	35.638	35.637	35.635	35.634	35.632	35.631	35.630	35.629	35.627
0.38	35.267	35.266	35.264	35.263	35.261	35.260	35.259	35.258	35.256
0.39	34.898	34.896	34.895	34.893	34.892	34.891	34.889	34.888	34.887
0.40	34.530	34.528	34.527	34.525	34.524	34.522	34.521	34.520	34.519
0.41	34.163	34.161	34.160	34.158	34.157	34.156	34.154	34.153	34.152
0.42	33.798	33.796	33.795	33.793	33.792	33.790	33.789	33.788	33.786
0.43	33.434	33.432	33.431	33.429	33.428	33.426	33.425	33.424	33.422
0.44	33.072	33.070	33.068	33.067	33.065	33.064	33.063	33.061	33.060
0.45	32.711	32.709	32.708	32.706	32.705	32.703	32.702	32.700	32.699
0.46	32.352	32.350	32.348	32.347	32.345	32.344	32.342	32.341	32.340
0.47	31.994	31.992	31.991	31.989	31.988	31.986	31.985	31.983	31.982
0.48	31.638	31.636	31.635	31.633	31.632	31.630	31.629	31.627	31.626
0.49	31.284	31.282	31.280	31.279	31.277	31.276	31.274	31.273	31.272
0.50	30.931	30.929	30.928	30.926	30.924	30.923	30.922	30.920	30.919

G	47	48	49	50	51	52	53	54	55
0.51	30.580	30.578	30.577	30.575	30.573	30.572	30.570	30.569	30.568
0.52	30.231	30.229	30.227	30.226	30.224	30.223	30.221	30.220	30.218
0.53	29.883	29.881	29.880	29.878	29.876	29.875	29.874	29.872	29.871
0.54	29.537	29.536	29.534	29.532	29.531	29.529	29.528	29.526	29.525
0.55	29.192	29.191	29.190	29.188	29.187	29.185	29.184	29.182	29.181
0.56	28.851	28.849	28.848	28.846	28.844	28.843	28.842	28.840	28.839
0.57	28.511	28.509	28.507	28.506	28.504	28.503	28.501	28.500	28.499
0.58	28.172	28.170	28.169	28.167	28.166	28.164	28.163	28.161	28.160
0.59	27.836	27.834	27.832	27.831	27.829	27.828	27.826	27.825	27.824
0.60	27.501	27.499	27.497	27.496	27.494	27.493	27.492	27.490	27.489
0.61	27.168	27.166	27.165	27.163	27.162	27.160	27.159	27.157	27.156
0.62	26.837	26.835	26.834	26.832	26.831	26.829	26.828	26.827	26.825
0.63	26.508	26.507	26.505	26.503	26.502	26.501	26.499	26.498	26.497
0.64	26.181	26.180	26.178	26.177	26.175	26.174	26.172	26.171	26.170
0.65	25.857	25.855	25.853	25.852	25.850	25.849	25.848	25.846	25.845
0.66	25.534	25.532	25.531	25.529	25.528	25.526	25.525	25.524	25.522
0.67	25.213	25.211	25.210	25.208	25.207	25.206	25.204	25.203	25.202
0.68	24.894	24.893	24.891	24.890	24.888	24.887	24.886	24.884	24.883
0.69	24.578	24.576	24.575	24.573	24.572	24.570	24.569	24.568	24.567
0.70	24.263	24.261	24.260	24.259	24.257	24.256	24.255	24.254	24.252
0.71	23.951	23.949	23.948	23.946	23.945	23.944	23.942	23.941	23.940
0.72	23.640	23.639	23.637	23.636	23.635	23.633	23.632	23.631	23.630
0.73	23.332	23.331	23.329	23.328	23.327	23.326	23.324	23.323	23.322
0.74	23.026	23.025	23.023	23.022	23.021	23.020	23.019	23.017	23.016
0.75	22.722	22.721	22.720	22.718	22.717	22.716	22.715	22.714	22.713
0.76	22.421	22.419	22.418	22.417	22.416	22.415	22.414	22.412	22.411
0.77	22.121	22.120	22.119	22.118	22.117	22.115	22.114	22.113	22.112
0.78	21.824	21.823	21.822	21.821	21.819	21.818	21.817	21.816	21.815
0.79	21.529	21.528	21.527	21.526	21.525	21.524	21.523	21.522	21.521
0.80	21.237	21.235	21.234	21.233	21.232	21.231	21.230	21.229	21.228
0.81	20.946	20.945	20.944	20.943	20.942	20.941	20.940	20.939	20.938
0.82	20.658	20.657	20.656	20.655	20.654	20.653	20.652	20.651	20.650
0.83	20.372	20.371	20.370	20.369	20.368	20.367	20.366	20.366	20.365
0.84	20.089	20.088	20.087	20.086	20.085	20.084	20.083	20.082	20.082
0.85	19.807	19.806	19.806	19.805	19.804	19.803	19.802	19.801	19.801
0.86	19.529	19.528	19.527	19.526	19.525	19.524	19.523	19.523	19.522
0.87	19.252	19.251	19.250	19.249	19.249	19.248	19.247	19.246	19.246
0.88	18.978	18.977	18.976	18.975	18.974	18.974	18.973	18.972	18.972
0.89	18.706	18.705	18.704	18.703	18.703	18.702	18.701	18.701	18.700
0.90	18.436	18.435	18.435	18.434	18.433	18.433	18.432	18.431	18.431
0.91	18.169	18.168	18.167	18.167	18.166	18.166	18.165	18.164	18.164
0.92	17.904	17.903	17.903	17.902	17.901	17.901	17.900	17.899	17.899
0.93	17.641	17.641	17.640	17.640	17.639	17.639	17.638	17.638	17.637
0.94	17.381	17.380	17.380	17.379	17.379	17.378	17.378	17.377	17.377
0.95	17.123	17.123	17.122	17.122	17.121	17.121	17.121	17.120	17.120
0.96	16.868	16.867	16.867	16.867	16.866	16.866	16.866	16.865	16.865
0.97	16.615	16.614	16.614	16.614	16.613	16.613	16.613	16.612	16.612
0.98	16.364	16.364	16.363	16.363	16.363	16.362	16.362	16.362	16.362
0.99	16.116	16.115	16.115	16.115	16.115	16.115	16.114	16.114	16.114
1.00	15.870	15.870	15.869	15.869	15.869	15.869	15.869	15.869	15.869

C	47	48	49	50	51	52	53	54	55
1.01	15.626	15.626	15.626	15.626	15.626	15.626	15.626	15.626	15.626
1.02	15.385	15.385	15.385	15.385	15.385	15.385	15.385	15.385	15.385
1.03	15.146	15.146	15.146	15.146	15.146	15.146	15.146	15.146	15.147
1.04	14.910	14.910	14.910	14.910	14.910	14.910	14.910	14.911	14.911
1.05	14.676	14.676	14.676	14.676	14.677	14.677	14.677	14.677	14.677
1.06	14.445	14.445	14.445	14.445	14.445	14.445	14.446	14.446	14.446
1.07	14.215	14.216	14.216	14.216	14.216	14.217	14.217	14.217	14.217
1.08	13.989	13.989	13.989	13.990	13.990	13.990	13.990	13.991	13.991
1.09	13.764	13.765	13.765	13.765	13.766	13.766	13.766	13.767	13.767
1.10	13.542	13.543	13.543	13.544	13.544	13.544	13.545	13.545	13.545
1.11	13.323	13.323	13.324	13.324	13.324	13.325	13.325	13.326	13.326
1.12	13.105	13.106	13.107	13.107	13.108	13.108	13.109	13.109	13.110
1.13	12.891	12.891	12.892	12.892	12.893	12.894	12.894	12.895	12.895
1.14	12.678	12.679	12.679	12.680	12.681	12.681	12.682	12.683	12.683
1.15	12.468	12.469	12.469	12.470	12.471	12.472	12.472	12.473	12.473
1.16	12.260	12.261	12.262	12.263	12.263	12.264	12.265	12.266	12.266
1.17	12.055	12.056	12.057	12.057	12.058	12.059	12.060	12.061	12.061
1.18	11.852	11.853	11.854	11.855	11.855	11.856	11.857	11.858	11.859
1.19	11.651	11.652	11.653	11.654	11.655	11.656	11.657	11.658	11.658
1.20	11.453	11.454	11.455	11.456	11.457	11.458	11.459	11.460	11.461
1.21	11.257	11.258	11.259	11.260	11.261	11.262	11.263	11.264	11.265
1.22	11.063	11.064	11.065	11.067	11.068	11.069	11.070	11.071	11.072
1.23	10.872	10.873	10.874	10.875	10.877	10.878	10.879	10.880	10.881
1.24	10.683	10.684	10.685	10.687	10.688	10.689	10.690	10.691	10.692
1.25	10.496	10.497	10.499	10.500	10.501	10.503	10.504	10.505	10.506
1.26	10.311	10.313	10.314	10.316	10.317	10.318	10.320	10.321	10.322
1.27	10.129	10.131	10.132	10.134	10.135	10.137	10.138	10.139	10.140
1.28	9.949	9.951	9.953	9.954	9.956	9.957	9.958	9.960	9.961
1.29	9.772	9.773	9.775	9.777	9.778	9.780	9.781	9.782	9.784
1.30	9.596	9.598	9.600	9.602	9.603	9.605	9.606	9.607	9.609
1.31	9.423	9.425	9.427	9.429	9.430	9.432	9.433	9.435	9.436
1.32	9.252	9.254	9.256	9.258	9.260	9.261	9.263	9.264	9.266
1.33	9.084	9.086	9.088	9.089	9.091	9.093	9.094	9.096	9.097
1.34	8.917	8.919	8.921	8.923	8.925	8.927	8.928	8.930	8.931
1.35	8.753	8.755	8.757	8.759	8.761	8.763	8.764	8.766	8.768
1.36	8.591	8.593	8.595	8.597	8.599	8.601	8.603	8.604	8.606
1.37	8.431	8.433	8.436	8.438	8.440	8.441	8.443	8.445	8.447
1.38	8.273	8.276	8.278	8.280	8.282	8.284	8.286	8.288	8.289
1.39	8.118	8.120	8.123	8.125	8.127	8.129	8.131	8.132	8.134
1.40	7.965	7.967	7.969	7.971	7.974	7.976	7.978	7.979	7.981
1.41	7.813	7.816	7.818	7.820	7.823	7.825	7.827	7.829	7.830
1.42	7.664	7.667	7.669	7.671	7.674	7.676	7.678	7.680	7.682
1.43	7.517	7.520	7.522	7.524	7.527	7.529	7.531	7.533	7.535
1.44	7.372	7.375	7.377	7.380	7.382	7.384	7.386	7.388	7.390
1.45	7.229	7.232	7.234	7.237	7.239	7.242	7.244	7.246	7.248
1.46	7.088	7.091	7.094	7.096	7.099	7.101	7.103	7.105	7.107
1.47	6.950	6.952	6.955	6.958	6.960	6.962	6.965	6.967	6.969
1.48	6.813	6.816	6.818	6.821	6.824	6.826	6.828	6.831	6.833
1.49	6.678	6.681	6.684	6.686	6.689	6.691	6.694	6.696	6.698
1.50	6.545	6.548	6.551	6.554	6.557	6.559	6.561	6.564	6.566

C	47	48	49	50	51	52	53	54	55
1.51	6.415	6.418	6.421	6.423	6.426	6.428	6.431	6.433	6.436
1.52	6.286	6.289	6.292	6.295	6.297	6.300	6.302	6.305	6.307
1.53	6.159	6.162	6.165	6.168	6.171	6.173	6.176	6.178	6.181
1.54	6.034	6.037	6.040	6.043	6.046	6.048	6.051	6.054	6.056
1.55	5.911	5.914	5.918	5.920	5.923	5.926	5.929	5.931	5.934
1.56	5.790	5.793	5.797	5.800	5.802	5.805	5.808	5.810	5.813
1.57	5.671	5.674	5.678	5.681	5.683	5.686	5.689	5.691	5.694
1.58	5.554	5.557	5.560	5.563	5.566	5.569	5.572	5.574	5.577
1.59	5.438	5.442	5.445	5.448	5.451	5.454	5.457	5.459	5.462
1.60	5.325	5.328	5.331	5.335	5.338	5.340	5.343	5.346	5.348
1.61	5.213	5.217	5.220	5.223	5.226	5.229	5.232	5.234	5.237
1.62	5.103	5.107	5.110	5.113	5.116	5.119	5.122	5.125	5.127
1.63	4.995	4.998	5.002	5.005	5.008	5.011	5.014	5.017	5.019
1.64	4.889	4.892	4.896	4.899	4.902	4.905	4.908	4.911	4.913
1.65	4.784	4.788	4.791	4.794	4.797	4.800	4.803	4.806	4.809
1.66	4.681	4.685	4.688	4.692	4.695	4.698	4.701	4.704	4.706
1.67	4.580	4.584	4.587	4.590	4.594	4.597	4.600	4.603	4.605
1.68	4.481	4.484	4.488	4.491	4.494	4.497	4.500	4.503	4.506
1.69	4.383	4.386	4.390	4.393	4.397	4.400	4.403	4.406	4.408
1.70	4.287	4.290	4.294	4.297	4.301	4.304	4.307	4.310	4.313
1.71	4.192	4.196	4.200	4.203	4.206	4.210	4.213	4.216	4.218
1.72	4.099	4.103	4.107	4.110	4.114	4.117	4.120	4.123	4.126
1.73	4.008	4.012	4.016	4.019	4.023	4.026	4.029	4.032	4.035
1.74	3.919	3.923	3.926	3.930	3.933	3.936	3.939	3.942	3.945
1.75	3.831	3.835	3.838	3.842	3.845	3.848	3.852	3.855	3.857
1.76	3.744	3.748	3.752	3.755	3.759	3.762	3.765	3.768	3.771
1.77	3.659	3.663	3.667	3.671	3.674	3.677	3.680	3.683	3.686
1.78	3.576	3.580	3.584	3.587	3.591	3.594	3.597	3.600	3.603
1.79	3.494	3.498	3.502	3.505	3.509	3.512	3.515	3.518	3.521
1.80	3.414	3.418	3.421	3.425	3.429	3.432	3.435	3.438	3.441
1.81	3.335	3.339	3.343	3.346	3.350	3.353	3.356	3.359	3.362
1.82	3.257	3.261	3.265	3.269	3.272	3.276	3.279	3.282	3.285
1.83	3.181	3.185	3.189	3.193	3.196	3.200	3.203	3.206	3.209
1.84	3.107	3.111	3.115	3.118	3.122	3.125	3.129	3.132	3.135
1.85	3.034	3.038	3.042	3.045	3.049	3.052	3.055	3.059	3.062
1.86	2.962	2.966	2.970	2.974	2.977	2.980	2.984	2.987	2.990
1.87	2.892	2.896	2.899	2.903	2.907	2.910	2.913	2.916	2.919
1.88	2.822	2.827	2.830	2.834	2.838	2.841	2.844	2.847	2.850
1.89	2.755	2.759	2.763	2.766	2.770	2.773	2.777	2.780	2.783
1.90	2.688	2.692	2.696	2.700	2.704	2.707	2.710	2.713	2.716
1.91	2.623	2.627	2.631	2.635	2.638	2.642	2.645	2.648	2.651
1.92	2.559	2.563	2.567	2.571	2.575	2.578	2.581	2.584	2.587
1.93	2.497	2.501	2.505	2.508	2.512	2.515	2.519	2.522	2.525
1.94	2.435	2.440	2.443	2.447	2.451	2.454	2.457	2.461	2.464
1.95	2.375	2.379	2.383	2.387	2.391	2.394	2.397	2.400	2.403
1.96	2.317	2.321	2.324	2.328	2.332	2.335	2.338	2.341	2.345
1.97	2.259	2.263	2.267	2.270	2.274	2.277	2.281	2.284	2.287
1.98	2.202	2.206	2.210	2.214	2.217	2.221	2.224	2.227	2.230
1.99	2.147	2.151	2.155	2.158	2.162	2.165	2.169	2.172	2.175
2.00	2.093	2.097	2.101	2.104	2.108	2.111	2.114	2.118	2.121

C	47	48	49	50	51	52	53	54	55
2.01	2.040	2.044	2.047	2.051	2.055	2.058	2.061	2.064	2.067
2.02	1.988	1.992	1.995	1.999	2.003	2.006	2.009	2.012	2.015
2.03	1.937	1.941	1.945	1.948	1.952	1.955	1.958	1.961	1.964
2.04	1.887	1.891	1.895	1.898	1.902	1.905	1.908	1.911	1.914
2.05	1.838	1.842	1.846	1.850	1.853	1.856	1.860	1.863	1.866
2.06	1.790	1.794	1.798	1.802	1.805	1.809	1.812	1.815	1.818
2.07	1.744	1.748	1.751	1.755	1.758	1.762	1.765	1.768	1.771
2.08	1.698	1.702	1.705	1.709	1.713	1.716	1.719	1.722	1.725
2.09	1.653	1.657	1.661	1.665	1.668	1.671	1.674	1.677	1.680
2.10	1.610	1.614	1.617	1.621	1.624	1.627	1.631	1.634	1.637
2.11	1.567	1.571	1.574	1.578	1.581	1.585	1.588	1.591	1.594
2.12	1.525	1.529	1.533	1.536	1.540	1.543	1.546	1.549	1.552
2.13	1.484	1.488	1.492	1.495	1.499	1.502	1.505	1.508	1.511
2.14	1.444	1.448	1.452	1.455	1.459	1.462	1.465	1.468	1.471
2.15	1.405	1.409	1.413	1.416	1.419	1.423	1.426	1.429	1.431
2.16	1.367	1.371	1.374	1.378	1.381	1.384	1.387	1.390	1.393
2.17	1.330	1.333	1.337	1.340	1.344	1.347	1.350	1.353	1.356
2.18	1.293	1.297	1.300	1.304	1.307	1.310	1.313	1.316	1.319
2.19	1.258	1.261	1.265	1.268	1.271	1.275	1.278	1.281	1.283
2.20	1.223	1.226	1.230	1.233	1.237	1.240	1.243	1.245	1.248
2.21	1.189	1.193	1.196	1.199	1.202	1.206	1.208	1.211	1.214
2.22	1.156	1.159	1.163	1.166	1.169	1.172	1.175	1.178	1.181
2.23	1.123	1.127	1.130	1.133	1.137	1.140	1.143	1.145	1.148
2.24	1.092	1.095	1.099	1.102	1.105	1.108	1.111	1.114	1.116
2.25	1.061	1.064	1.068	1.071	1.074	1.077	1.080	1.083	1.085
2.26	1.031	1.034	1.037	1.041	1.044	1.047	1.049	1.052	1.055
2.27	1.001	1.005	1.008	1.011	1.014	1.017	1.020	1.023	1.025
2.28	0.972	0.976	0.979	0.982	0.985	0.988	0.991	0.994	0.996
2.29	0.944	0.948	0.951	0.954	0.957	0.960	0.963	0.965	0.968
2.30	0.917	0.920	0.924	0.927	0.930	0.933	0.935	0.938	0.940
2.31	0.890	0.894	0.897	0.900	0.903	0.906	0.908	0.911	0.914
2.32	0.864	0.868	0.871	0.874	0.877	0.880	0.882	0.885	0.887
2.33	0.839	0.842	0.845	0.848	0.851	0.854	0.857	0.859	0.862
2.34	0.814	0.818	0.821	0.824	0.826	0.829	0.832	0.834	0.837
2.35	0.790	0.793	0.796	0.799	0.802	0.805	0.808	0.810	0.813
2.36	0.767	0.770	0.773	0.776	0.779	0.781	0.784	0.786	0.789
2.37	0.744	0.747	0.750	0.753	0.756	0.758	0.761	0.763	0.766
2.38	0.721	0.725	0.728	0.730	0.733	0.736	0.738	0.741	0.743
2.39	0.700	0.703	0.706	0.709	0.711	0.714	0.716	0.719	0.721
2.40	0.679	0.682	0.685	0.687	0.690	0.693	0.695	0.697	0.700
2.41	0.658	0.661	0.664	0.667	0.669	0.672	0.674	0.677	0.679
2.42	0.638	0.641	0.644	0.646	0.649	0.652	0.654	0.656	0.659
2.43	0.618	0.621	0.624	0.627	0.629	0.632	0.634	0.637	0.639
2.44	0.599	0.602	0.605	0.608	0.610	0.613	0.615	0.617	0.619
2.45	0.581	0.584	0.586	0.589	0.591	0.594	0.596	0.598	0.601
2.46	0.563	0.565	0.568	0.571	0.573	0.576	0.578	0.580	0.582
2.47	0.545	0.548	0.551	0.553	0.556	0.558	0.560	0.562	0.565
2.48	0.528	0.531	0.533	0.536	0.538	0.541	0.543	0.545	0.547
2.49	0.511	0.514	0.517	0.519	0.522	0.524	0.526	0.528	0.530
2.50	0.495	0.498	0.500	0.503	0.505	0.508	0.510	0.512	0.514

C	47	48	49	50	51	52	53	54	55
2.51	0.479	0.482	0.485	0.487	0.489	0.492	0.494	0.496	0.498
2.52	0.464	0.467	0.469	0.472	0.474	0.476	0.478	0.480	0.482
2.53	0.449	0.452	0.454	0.457	0.459	0.461	0.463	0.465	0.467
2.54	0.435	0.437	0.440	0.442	0.444	0.447	0.449	0.451	0.452
2.55	0.421	0.423	0.426	0.428	0.430	0.432	0.434	0.436	0.438
2.56	0.407	0.410	0.412	0.414	0.416	0.418	0.420	0.422	0.424
2.57	0.394	0.396	0.399	0.401	0.403	0.405	0.407	0.409	0.411
2.58	0.381	0.383	0.386	0.388	0.390	0.392	0.394	0.396	0.398
2.59	0.368	0.371	0.373	0.375	0.377	0.379	0.381	0.383	0.385
2.60	0.356	0.358	0.361	0.363	0.365	0.367	0.369	0.371	0.372
2.61	0.344	0.347	0.349	0.351	0.353	0.355	0.357	0.359	0.360
2.62	0.333	0.335	0.337	0.339	0.341	0.343	0.345	0.347	0.349
2.63	0.322	0.324	0.326	0.328	0.330	0.332	0.334	0.335	0.337
2.64	0.311	0.313	0.315	0.317	0.319	0.321	0.323	0.324	0.326
2.65	0.300	0.303	0.305	0.307	0.308	0.310	0.312	0.314	0.315
2.66	0.290	0.292	0.294	0.296	0.298	0.300	0.302	0.303	0.305
2.67	0.280	0.282	0.284	0.286	0.288	0.290	0.292	0.293	0.295
2.68	0.271	0.273	0.275	0.277	0.278	0.280	0.282	0.283	0.285
2.69	0.261	0.263	0.265	0.267	0.269	0.271	0.272	0.274	0.275
2.70	0.252	0.254	0.256	0.258	0.260	0.261	0.263	0.265	0.266
2.71	0.244	0.246	0.247	0.249	0.251	0.252	0.254	0.256	0.257
2.72	0.235	0.237	0.239	0.241	0.242	0.244	0.245	0.247	0.248
2.73	0.227	0.229	0.231	0.232	0.234	0.235	0.237	0.238	0.240
2.74	0.219	0.221	0.222	0.224	0.226	0.227	0.229	0.230	0.232
2.75	0.211	0.213	0.215	0.216	0.218	0.219	0.221	0.222	0.224
2.76	0.204	0.205	0.207	0.209	0.210	0.212	0.213	0.215	0.216
2.77	0.196	0.198	0.200	0.201	0.203	0.204	0.206	0.207	0.208
2.78	0.189	0.191	0.193	0.194	0.196	0.197	0.199	0.200	0.201
2.79	0.183	0.184	0.186	0.187	0.189	0.190	0.192	0.193	0.194
2.80	0.176	0.178	0.179	0.181	0.182	0.183	0.185	0.186	0.187
2.81	0.170	0.171	0.173	0.174	0.176	0.177	0.178	0.180	0.181
2.82	0.163	0.165	0.166	0.168	0.169	0.171	0.172	0.173	0.174
2.83	0.157	0.159	0.160	0.162	0.163	0.165	0.166	0.167	0.168
2.84	0.152	0.153	0.155	0.156	0.157	0.159	0.160	0.161	0.162
2.85	0.146	0.148	0.149	0.150	0.152	0.153	0.154	0.155	0.156
2.86	0.141	0.142	0.143	0.145	0.146	0.147	0.148	0.150	0.151
2.87	0.135	0.137	0.138	0.139	0.141	0.142	0.143	0.144	0.145
2.88	0.130	0.132	0.133	0.134	0.136	0.137	0.138	0.139	0.140
2.89	0.125	0.127	0.128	0.129	0.131	0.132	0.133	0.134	0.135
2.90	0.121	0.122	0.123	0.125	0.126	0.127	0.128	0.129	0.130
2.91	0.116	0.117	0.119	0.120	0.121	0.122	0.123	0.124	0.125
2.92	0.112	0.113	0.114	0.115	0.116	0.118	0.119	0.120	0.121
2.93	0.107	0.109	0.110	0.111	0.112	0.113	0.114	0.115	0.116
2.94	0.103	0.105	0.106	0.107	0.108	0.109	0.110	0.111	0.112
2.95	0.099	0.101	0.102	0.103	0.104	0.105	0.106	0.107	0.108
2.96	0.096	0.097	0.098	0.099	0.100	0.101	0.102	0.103	0.104
2.97	0.092	0.093	0.094	0.095	0.096	0.097	0.098	0.099	0.100
2.98	0.088	0.089	0.090	0.091	0.092	0.093	0.094	0.095	0.096
2.99	0.085	0.086	0.087	0.088	0.089	0.090	0.091	0.091	0.092
3.00	0.081	0.082	0.083	0.084	0.085	0.086	0.087	0.088	0.089

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Table 3.—*Table of Maximum Values of p_0 Consistent With 5 Percent Goal*

Sample size	Max p_0 (percent)
3	31.3
4	23.667
5	21.875
6	19.970
7	18.327
8	17.116
9	16.211
10	15.460
11	15.193
12	14.448
13	13.969
14	13.505
15	13.279
16	12.836
17	12.621
18	12.410
19	12.202
20	11.998
21	11.794
22	11.594
23	11.396
24	11.202
25	11.100
26	10.900
27	10.824
28	10.700
29	10.641
30	10.456
31	10.350
32	10.277
33	10.190
34	10.100
35	10.010
36	9.925
37	9.840
38	9.752
39	9.750
40	9.748
41	9.584
42	9.580
43	9.576
44	9.417
45	9.330
46	9.328
47	9.000
48	8.919
49	8.900
50	8.899

Interested persons are invited to submit comments on the proposal. It is requested but not required that 10 copies be submitted.

All comments must be limited not to exceed 15 pages in length. Necessary attachments may be appended to these submissions without regard to the 15-page limit. This limitation is intended to encourage commenters to detail their primary arguments in a concise fashion.

If a commenter wishes to submit certain information under a claim of confidentiality, three copies of the complete submission, including purportedly confidential information, should be submitted to the Chief Counsel, NHTSA, at the street address given above, and seven copies from which the purportedly confidential information has been deleted should be submitted to the Docket Section. Any claim of confidentiality must be supported by a statement demonstrating that the information falls within 5 U.S.C. section 552(b)(4), and that disclosure of the information is likely to result in substantial competitive damage; specifying the period during which the information must be withheld to avoid that damage; and showing that earlier disclosure would result in that damage. In addition, the commenter or, in the case of a corporation, a responsible corporate official authorized to speak for the corporation must certify in writing that each item for which confidential treatment is requested is in fact confidential within the meaning of section 552(b)(4) and that a diligent search has been conducted by the commenter or its employees to assure that none of the specified items has previously been disclosed or otherwise become available to the public.

All comments received before the close of business on the comment closing date indicated above will be considered, and will be available for examination in the docket at the above address both before and after that date. To the extent possible, comments filed after the closing date will also be considered. However, the rulemaking action may proceed at any time after that date, and comments received after the closing date and too late for consideration in regard to the action will be treated as suggestions for future rulemaking. The NHTSA will continue to file relevant material as it becomes available in the docket after the closing date, and it is recommended that interested persons continue to examine the docket for new material.

Those persons desiring to be notified upon receipt of their comments in the rulemaking docket should enclose, in the envelope with their comments, a self addressed stamped postcard. Upon receiving the comments, the docket supervisor will return the postcard by mail.

(Sec. 103, 112, 119, 201, 203; Pub. L. 89–563, 80 Stat. 718 (15 U.S.C. 1392, 1401, 1407, 1421, 1423; delegations of authority at 49 CFR 1.50 and 501.8)

Issued on: January 19, 1981.

Carl E. Nash,

Acting Associate Administrator for Rulemaking.

[FR Doc. 81–2479 Filed 1–30–81; 8:45 am]

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Reader Aids

Federal Register
Vol. 46, No. 21
Monday, February 2, 1981

INFORMATION AND ASSISTANCE

PUBLICATIONS

Code of Federal Regulations

CFR Unit	202-523-3419 523-3517
General information, index, and finding aids	523-5227
Incorporation by reference	523-4534
Printing schedules and pricing information	523-3419

Federal Register

Corrections	523-5237
Daily Issue Unit	523-5237
General information, index, and finding aids	523-5227
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Public Inspection Desk	633-6930
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FEDERAL REGISTER PAGES AND DATES, FEBRUARY

10135–10450.....2

AGENCY PUBLICATION ON ASSIGNED DAYS OF THE WEEK

The following agencies have agreed to publish all documents on two assigned days of the week (Monday/Thursday or Tuesday/Friday).

This is a voluntary program. (See OFR NOTICE 41 FR 32914, August 6, 1976.)

Monday	Tuesday	Wednesday	Thursday	Friday
DOT/SECRETARY	USDA/ASCS		DOT/SECRETARY	USDA/ASCS
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DOT/FAA	USDA/FSQS		DOT/FAA	USDA/FSQS
DOT/FHWA	USDA/REA		DOT/FHWA	USDA/REA
DOT/FRA	MSPB/OPM		DOT/FRA	MSPB/OPM
DOT/NHTSA	LABOR		DOT/NHTSA	LABOR
DOT/RSPA	HHS/FDA		DOT/RSPA	HHS/FDA
DOT/SLSDC			DOT/SLSDC	
DOT/UMTA			DOT/UMTA	
CSA			CSA	

Documents normally scheduled for publication on a day that will be a Federal holiday will be published the next work day following the holiday.
Comments on this program are still invited.
Comments should be submitted to the Day-of-the-Week Program Coordinator, Office of the Federal Register, National Archives and Records Service, General Services Administration, Washington, D.C. 20408

NOTE: As of September 2, 1980, documents from the Animal and Plant Health Inspection Service, Department of Agriculture, will no longer be assigned to the Tuesday/Friday publication schedule.

TABLE OF EFFECTIVE DATES AND TIME PERIODS—FEBRUARY 1981

This table is for determining dates in documents which give advance notice of compliance, impose time limits on public response, or announce meetings.

Agencies using this table in planning publication of their documents must allow sufficient time for printing production.

In computing these dates, the day after publication is counted as the first day. When a date falls on a weekend or a holiday, the next Federal business day is used (see 1 CFR 18.17).

A new table will be published in the first issue of each month.

Date of FR publication	15 days after publication	30 days after publication	45 days after publication	60 days after publication	90 days after publication
February 2	February 17	March 4	March 19	April 3	May 4
February 3	February 18	March 5	March 20	April 6	May 4
February 4	February 19	March 6	March 23	April 6	May 5
February 5	February 20	March 9	March 23	April 6	May 6
February 6	February 23	March 9	March 23	April 7	May 7
February 9	February 24	March 11	March 26	April 10	May 11
February 10	February 25	March 12	March 27	April 13	May 11
February 11	February 26	March 13	March 30	April 13	May 12
February 12	February 27	March 16	March 30	April 13	May 13
February 13	March 2	March 16	March 30	April 14	May 14
February 17	March 4	March 19	April 3	April 20	May 18
February 18	March 5	March 20	April 6	April 20	May 19
February 19	March 6	March 23	April 6	April 20	May 20
February 20	March 9	March 23	April 6	April 21	May 21
February 23	March 10	March 25	April 9	April 24	May 26
February 24	March 11	March 26	April 10	April 27	May 26
February 25	March 12	March 27	April 13	April 27	May 26
February 26	March 13	March 30	April 13	April 27	May 27
February 27	March 16	March 30	April 13	April 28	May 28

CFR CHECKLIST; 1980 ISSUANCES

This checklist, prepared by the Office of the Federal Register, is published in the first issue of each month. It is arranged in the order of CFR titles, and shows the revision date and price of the volumes of the Code of Federal Regulations issued to date for 1980. New units issued during the month are announced on the back cover of the daily **Federal Register** as they become available.

For a checklist of current CFR volumes comprising a complete CFR set, see the latest issue of the LSA (List of CFR Sections Affected), which is revised monthly.

The annual rate for subscription service to all revised volumes is $525 domestic, $131 additional for foreign mailing.

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Title	Price
1	$4.50
2 [Reserved]	
3	7.50
4	6.50
5	8.00
6	3.75
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1060–1119	7.00
1120–1199	6.00
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2852	8.50
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8	5.50
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200–end	6.50
10 Parts:	
0–199	7.50
200–499	8.50
500–end	7.50
11 (Rev. 4/1/80)	4.75
12 Parts:	
1–199	6.00
200–299	9.00
300–end	11.00
13	7.00
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200–1199	8.00
1200–end	6.00
15	9.00
16 Parts:	
0–149	7.00
150–999	6.00
1000–end	6.50

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17 Parts:	
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240–end	7.50
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1–149	7.50
150–end	8.50
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01–399	5.50
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200–299	4.50
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500–599	7.50
600–799	5.00
800–1299	5.50
1300–end	4.50
22	8.00
23	7.00
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500–1699	9.00
1700–end	6.00
25	8.00
26 Parts:	
1 (§§ 1.0–1.169)	8.50
1 (§§ 1.170–1.300)	6.50
1 (§§ 1.301–1.400)	6.00
1 (§§ 1.401–1.500)	7.00
1 (§§ 1.501–1.640)	6.50
1 (§§ 1.641–1.850)	7.50
1 (§§ 1.851–1.1200)	8.00
1 (§§ 1.1201–end)	9.00
2–29	7.50
30–39	6.50
40–299	7.50
300–499	6.00
500–599	6.50
600–end	5.00
27 Parts:	
1–199	6.50
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CFR Unit (Rev. as of July 1, 1980):

28	7.00
29 Parts:	
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200–end	7.50
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1–39 (Supplement)	6.00
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34	6.00
37	6.00
38	11.00
39	6.00
40 Parts:	
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52	9.00
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7	4.25
8	4.50
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18 (Vol. I)	7.50
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18 (Vol. III)	7.50
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CFR Index	8.50

CFR Unit (Rev. as of Oct. 1, 1980):

49 Parts:	
1–99	5.50
200–399	7.00

AGENCY ABBREVIATIONS

Used in Highlights and Reminders

(This List Will Be Published Monthly in First Issue of Month.)

USDA Agriculture Department

AMS Agricultural Marketing Service
APHIS Animal and Plant Health Inspection Service
ASCS Agricultural Stabilization and Conservation Service
CCC Commodity Credit Corporation
CEA Commodity Exchange Authority
EMS Export Marketing Service
EOA Energy Office, Agriculture Department
EQOA Environmental Quality Office, Agriculture Department
ESCS Economics, Statistics, and Cooperatives Service
FmHA Farmers Home Administration
FAS Foreign Agricultural Service
FCIC Federal Crop Insurance Corporation
FGIS Federal Grain Inspection Service
FNS Food and Nutrition Service
FS Forest Service
FSQS Food Safety and Quality Service
IGO Inspector General Office
REA Rural Electrification Administration
RTB Rural Telephone Bank
SCS Soil Conservation Service
SEA Science and Education Administration
TOA Transportation Office, Agriculture Department

COMMERCE Commerce Department

BEA Bureau of Economic Analysis
Census Census Bureau
EDA Economic Development Administration
FSPSO Federal Statistical Policy and Standards Office
FTZB Foreign-Trade Zones Board
ITA International Trade Administration
MA Maritime Administration
MBDA Minority Business Development Agency
NBS National Bureau of Standards
NOAA National Oceanic and Atmospheric Administration
NSA National Shipping Authority
NTIA National Telecommunications and Information Administration
NTIS National Technical Information Service
PTO Patent and Trademark Office
USTS United States Travel Service

DOD Defense Department

AF Air Force Department
Army Army Department
DCAA Defense Contract Audit Agency
DIA Defense Intelligence Agency
DIS Defense Investigative Service
DLA Defense Logistics Agency
DMA Defense Mapping Agency
DNA Defense Nuclear Agency
EC Engineers Corps
Navy Navy Department

ED Education Department

DOE Energy Department

APA Alaska Power Administration
BPA Bonneville Power Administration
EIA Energy Information Administration
ERA Economic Regulatory Administration
ERO Energy Research Office
ETO Energy Technology Office
FERC Federal Energy Regulatory Commission
OHA Hearings and Appeals Office, Energy Department
SEPA Southeastern Power Administration
SOLAR Conservation and Solar Energy Office
SWPA Southwestern Power Administration
WAPA Western Area Power Administration

HHS Health and Human Services Department

ADAMHA Alcohol, Drug Abuse, and Mental Health Administration
CDC Centers for Disease Control
ESNC Educational Statistics National Center
FDA Food and Drug Administration
HCFA Health Care Financing Administration
HDSO Human Development Services Office
HRA Health Resources Administration
HSA Health Services Administration
NIH National Institutes of Health
NIOSH National Institute for Occupational Safety and Health
PHS Public Health Service
RRO Refugee Resettlement Office
RSA Rehabilitation Services Administration
SSA Social Security Administration

HUD Housing and Urban Development Department

CARF Consumer Affairs and Regulatory Functions, Office of Assistant Secretary
CPD Community Planning and Development, Office of Assistant Secretary
EQO Environmental Quality Office, Housing and Urban Development Department
FHC Federal Housing Commissioner, Office of Assistant Secretary for Housing
FHEO Fair Housing and Equal Opportunity, Office of Assistant Secretary
GNMA Government National Mortgage Association
ILSRO Interstate Land Sales Registration Office
NCA New Communities Administration
NCDC New Community Development Corporation
NVACP Neighborhoods, Voluntary Associations and Consumer Protection, Office of Assistant Secretary

INTERIOR Interior Department

BIA Bureau of Indian Affairs
BLM Bureau of Land Management
FWS Fish and Wildlife Service
GS Geological Survey
HCRS Heritage Conservation and Recreation Service
Mines Mines Bureau
NPS National Park Service
OHA Office of Hearings and Appeals, Interior Department
SMREO Surface Mining Reclamation and Enforcement Office
WPRS Water and Power Resource Service

JUSTICE Justice Department

DEA Drug Enforcement Administration
BJS Bureau of Justice Statistics
INS Immigration and Naturalization Service
JJDPO Juvenile Justice and Delinquency Prevention Office
LEAA Law Enforcement Assistance Administration
NIC National Institute of Corrections
NIJ National Institute of Justice
OJARS Justice Assistance, Research and Statistics Office
PARCOM Parole Commission

LABOR Labor Department

BLS Bureau of Labor Statistics
BRB Benefits Review Board
ESA Employment Standards Administration
ETA Employment and Training Administration
FCCPO Federal Contract Compliance Programs Office
LMSEO Labor Management Standards Enforcement Office
MSHA Mine Safety and Health Administration

OSHA Occupational Safety and Health Administration
P&WBP Pension and Welfare Benefit Programs
W&H Wage and Hour Division

STATE State Department

FSGB Foreign Service Grievance Board

DOT Transportation Department

CG Coast Guard
FAA Federal Aviation Administration
FHWA Federal Highway Administration
FRA Federal Railroad Administration
MTB Materials Transportation Bureau
NHTSA National Highway Traffic Safety Administration
RSPA Research and Special Programs Administration
SLSDC Saint Lawrence Seaway Development Corporation
UMTA Urban Mass Transportation Administration

TREASURY Treasury Department

ATF Alcohol, Tobacco and Firearms Bureau
Customs Customs Service
Comptroller Comptroller of the Currency
ESO Economic Stabilization Office (temporary)
FS Fiscal Service
IRS Internal Revenue Service
Mint Mint Bureau
PDB Public Debt Bureau
RSO Revenue Sharing Office
SS Secret Service

Independent Agencies

AC Aging, Federal Council
ANGTS Alaska Natural Gas Transportation System, Office of Federal Inspector
ATBCB Architectural and Transportation Barriers Compliance Board
CAB Civil Aeronautics Board
CASB Cost Accounting Standards Board
CEQ Council on Environmental Quality
CFTC Commodity Futures Trading Commission
CITA Textile Agreements Implementation Committee
CPSC Consumer Product Safety Commission
CRC Civil Rights Commission
CSA Community Services Administration
CWPS Wage and Price Stability Council
EEOC Equal Employment Opportunity Commission
EPA Environmental Protection Agency
ESC Endangered Species Committee
EXIMBANK Export-Import Bank of the U.S.
FCA Farm Credit Administration
FCC Federal Communications Commission
FCSC Foreign Claims Settlement Commission
FDIC Federal Deposit Insurance Corporation
FEC Federal Election Commission
FEMA Federal Emergency Management Agency
FEMA/USFA United States Fire Administration
FFIEC Federal Financial Institutions Examination Council
FHLBB Federal Home Loan Bank Board
FHLMC Federal Home Loan Mortgage Corporation
FLRA Federal Labor Relations Authority
FMC Federal Maritime Commission
FRS Federal Reserve System
FTC Federal Trade Commission
GAO General Accounting Office
GPO Government Printing Office
GSA General Services Administration
GSA/ADTS Automated Data and Telecommunications Service
GSA/FPRS Federal Property Resources Service
GSA/FSS Federal Supply Service
GSA/NARS National Archives and Records Services
GSA/OFR Office of the Federal Register
GSA/PBS Public Buildings Service
GSA/TPUS Transportation and Public Utilities Service
ICA International Communication Agency
ICC Interstate Commerce Commission
ICP Interim Compliance Panel (Coal Mine Health and Safety)
IDCA International Development Cooperation Agency
IDCA/AID Agency for International Development
ITC International Trade Commission
IRLG Interagency Regulatory Liaison Group
LSC Legal Services Corporation
MB Metric Board
MSPB Merit Systems Protection Board
MWSC Minimum Wage Study Commission
NACEO National Advisory Council on Economic Opportunity
NASA National Aeronautics and Space Administration
NCCB National Consumer Cooperative Bank
NCH National Council for the Handicapped
NCUA National Credit Union Administration
NFAH National Foundation for the Arts and the Humanities
NLRB National Labor Relations Board
NRC Nuclear Regulatory Commission
NSF National Science Foundation
NTSB National Transportation Safety Board
OMB Office of Management and Budget
OMB/FPPO Federal Procurement Policy Office
OPIC Overseas Private Investment Corporation
OPM Office of Personnel Management
OPM/FPRAC Federal Prevailing Rate Advisory Committee
OSTP Office of Science and Technology Policy
PADC Pennsylvania Avenue Development Corporation
PBGC Pension Benefit Guaranty Corporation
PRC Postal Rate Commission
PS Postal Service
ROAP Reorganization Office of Assistant to President
RRB Railroad Retirement Board
SBA Small Business Administration
SEC Securities and Exchange Commission
SFC Synthetic Fuels Corporation
SSS Selective Service System
Trade Trade Representative, Office of United States
TVA Tennessee Valley Authority
VA Veterans Administration
WRC Water Resources Council

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DOT/FAA	USDA/FSQS		DOT/FAA	USDA/FSQS
DOT/FHWA	USDA/REA		DOT/FHWA	USDA/REA
DOT/FRA	MSPB/OPM		DOT/FRA	MSPB/OPM
DOT/NHTSA	LABOR		DOT/NHTSA	LABOR
DOT/RSPA	HHS/FDA		DOT/RSPA	HHS/FDA
DOT/SLSDC			DOT/SLSDC	
DOT/UMTA			DOT/UMTA	
CSA			CSA	

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NOTE: As of September 2, 1980, documents from the Animal and Plant Health Inspection Service, Department of Agriculture, will no longer be assigned to the Tuesday/Friday publication schedule.

REMINDERS

List of Public Laws

Note: No public bills which have become law were received by the Office of the Federal Register for inclusion in today's List of Public Laws.

[Last Listing January 28, 1981]

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